

FIG.1

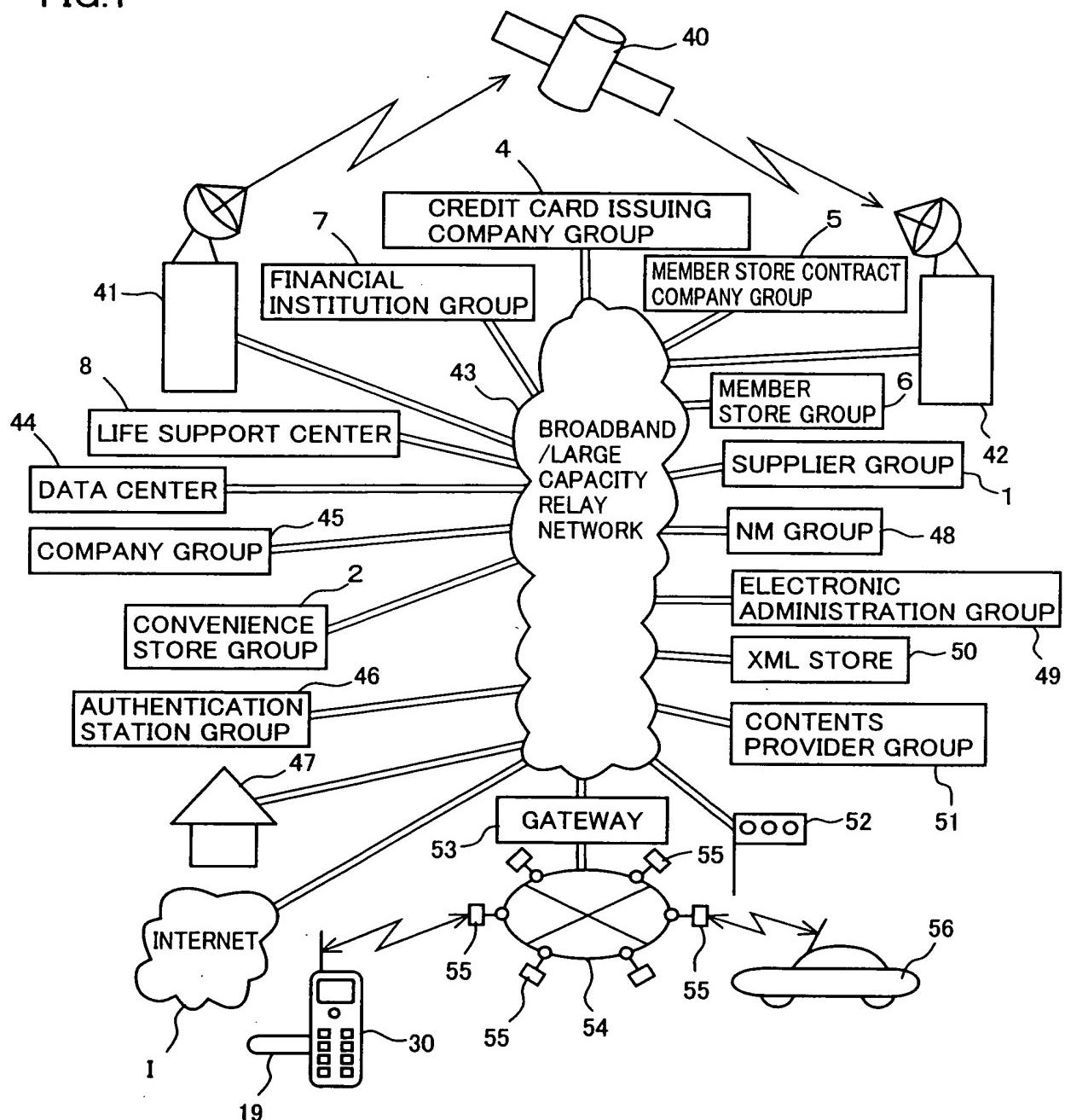


FIG.2

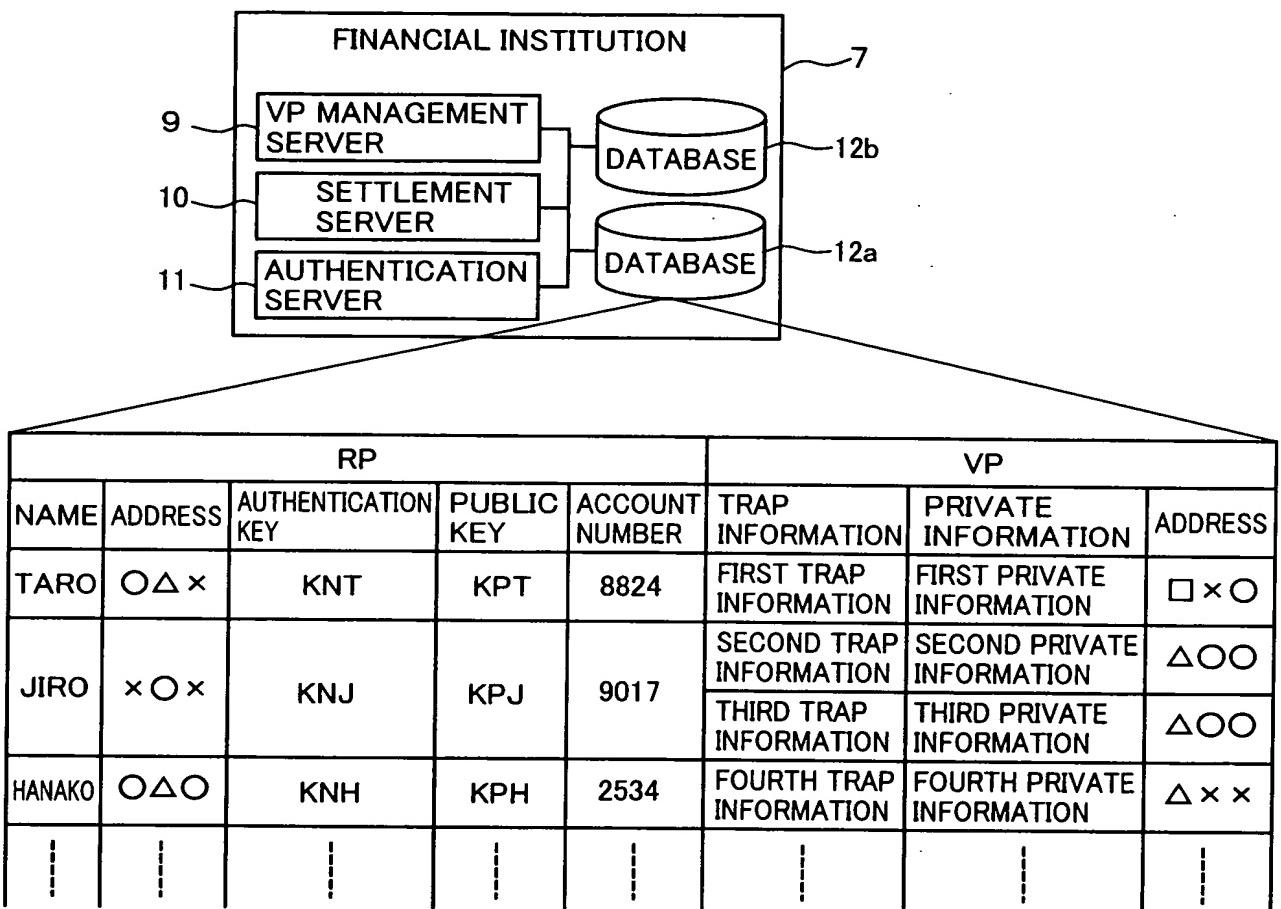


FIG.3

FIRST TRAP INFORMATION	SITE NAME	ABC	MTT	MEC	-----
	NAME	B13P	E(B13P)	E ² (B13P)	-----
	PUBLIC KEY	KPB	KPB'	KPB''	-----
	E-MAIL ADDRESS	○□×△×	△△△△△	△△△△△△	-----
	VIRTUAL ACCOUNT NUMBER	2503	E(2503)	E ² (2503)	-----
	VIRTUAL CREDIT NUMBER	9145	E(9145)	E ² (9145)	-----
SECOND TRAP INFORMATION	SITE NAME	AMZ	RAK	ASK	-----
	NAME	NPXA	E(NPXA)	E ² (NPXA)	-----
	PUBLIC KEY	KPN	KPN'	KPN''	-----
	E-MAIL ADDRESS	××○△□	△△△△△	△△△△△△	-----
	VIRTUAL ACCOUNT NUMBER	3541	E(3541)	E ² (3541)	-----
	VIRTUAL CREDIT NUMBER	3288	E(3288)	E ² (3288)	-----

FIG.4

	PRIVATE INFORMATION A	PRIVATE INFORMATION B	-----
FIRST PRIVATE INFORMATION	OOΔ+Dks (OOΔ)	× × Δ+Dks (× × Δ)	-----
SECOND PRIVATE INFORMATION	ΔOO+Dks (ΔOO)	Δ × × +Dks (Δ × ×)	-----
THIRD PRIVATE INFORMATION	OΔO+Dks (OΔO)	× Δ × +Dks (× Δ ×)	-----
FOURTH PRIVATE INFORMATION	ΔOΔ+Dks (ΔOΔ)	Δ × Δ +Dks (Δ × Δ)	-----

FIG.5

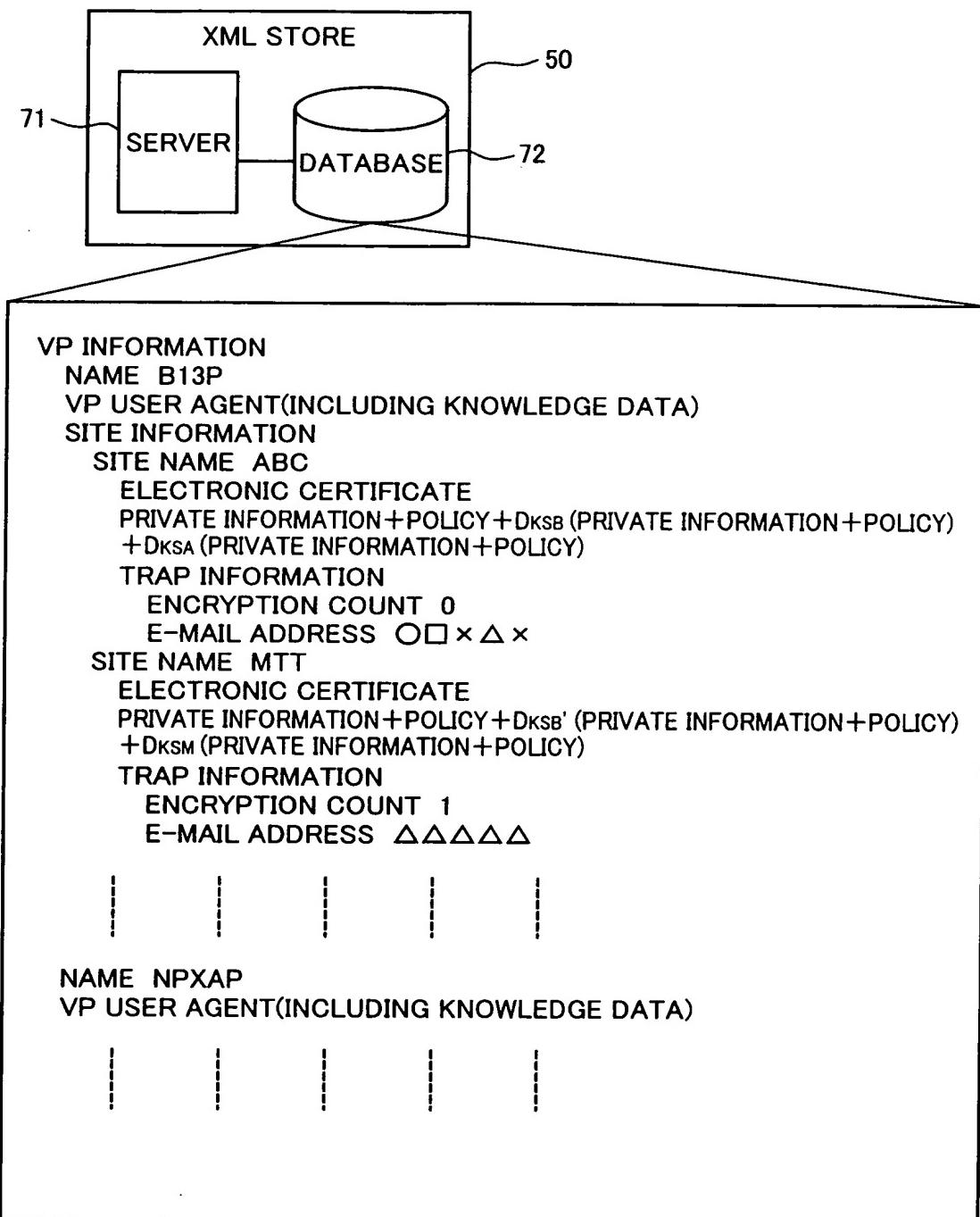


FIG.6

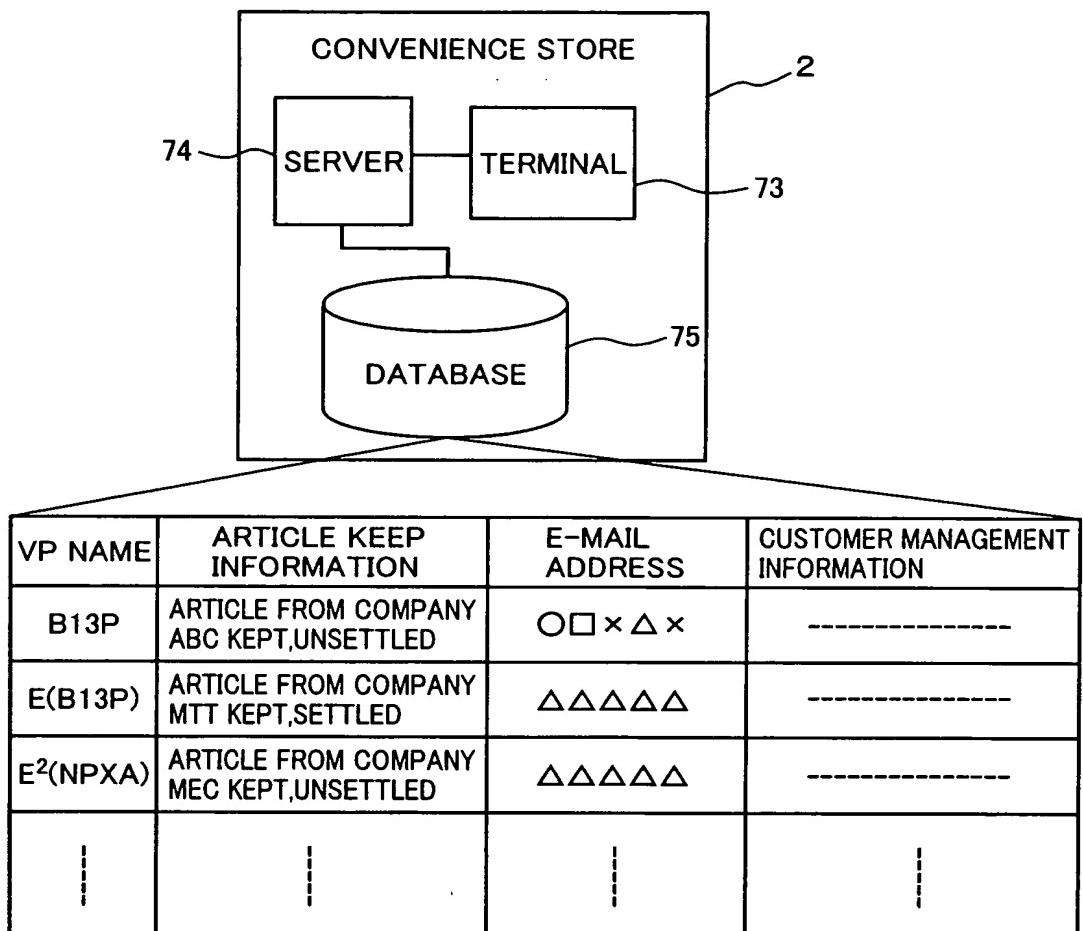


FIG.7

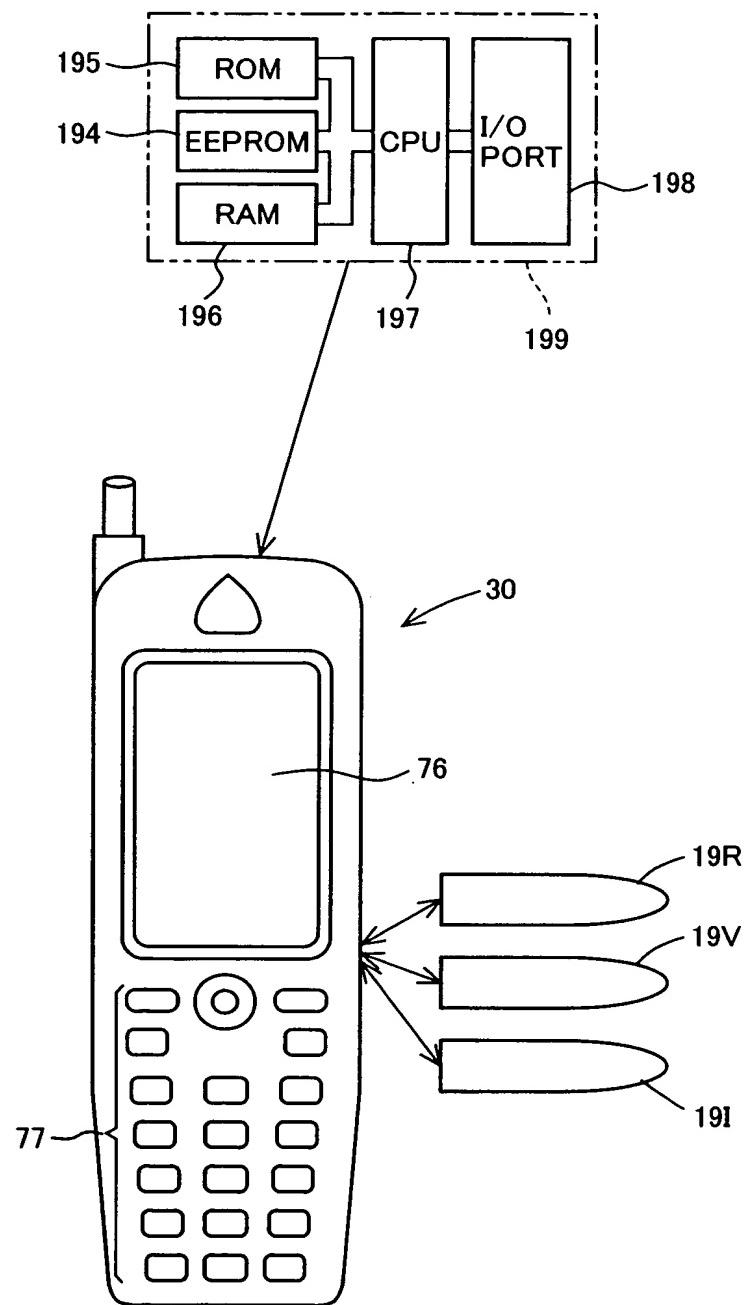


FIG.8

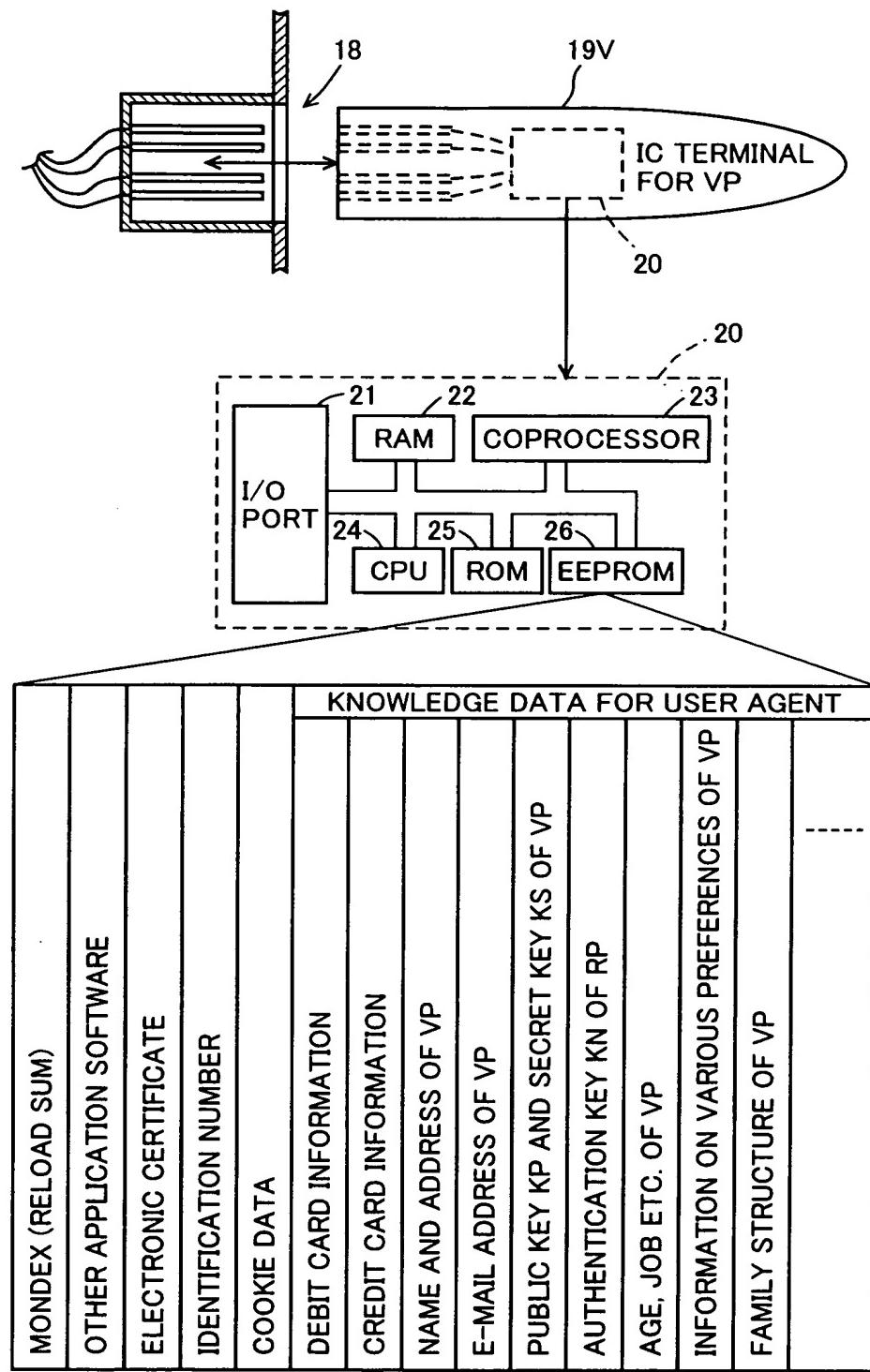


FIG.9

VP NAME	TRAP TYPE RFID	TRADER NAME
B13P	abc,hij,amz,rak,...	ABC,HIJ,AMZ...
E(B13P)	mtt	MTT
E ² (B13P)	mec	MEC
E ³ (B13P)	ktt	KT
⋮	⋮	⋮

FIG.10

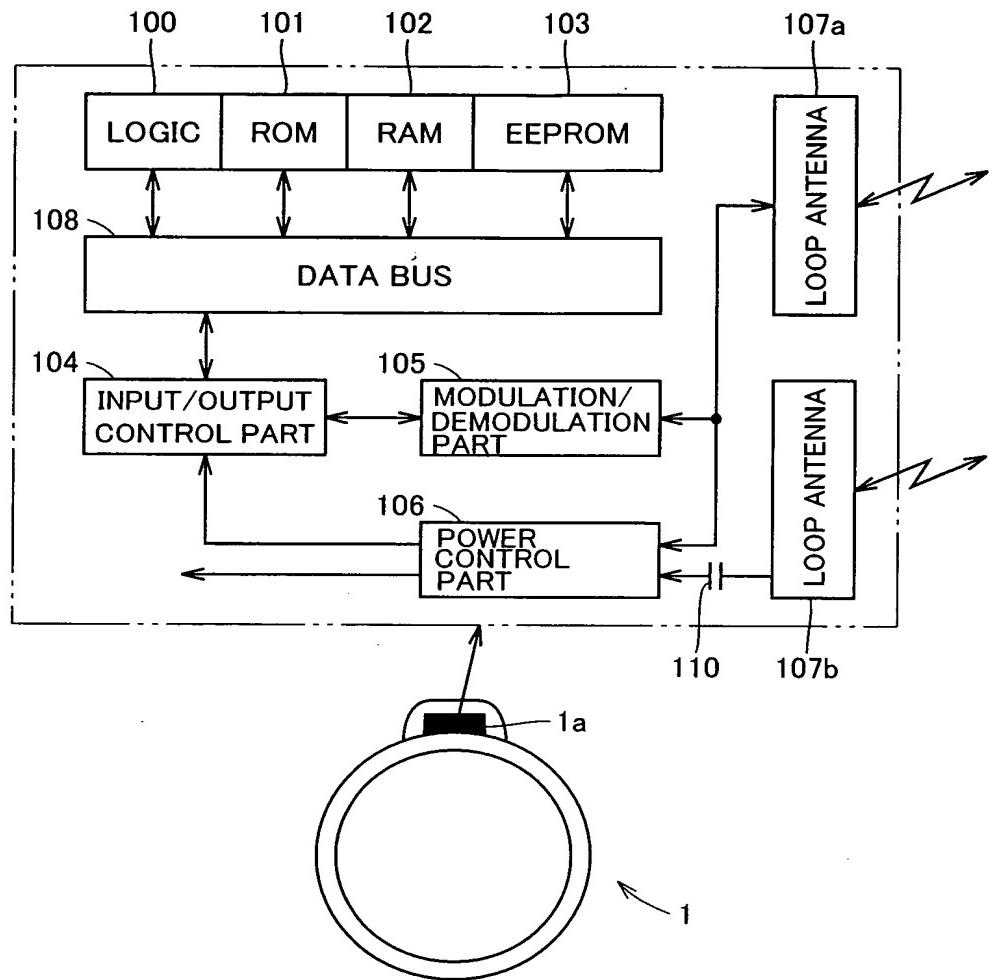


FIG.11

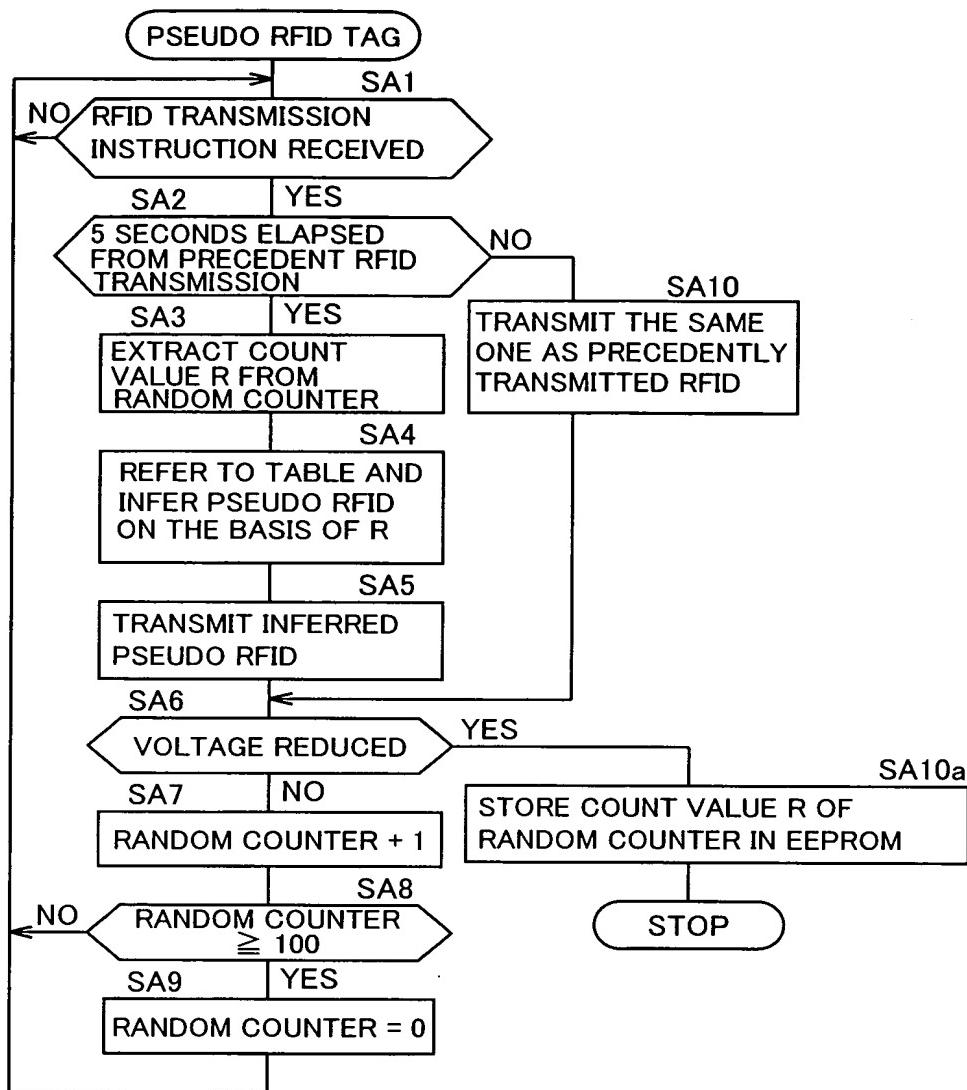


FIG.12

(a)

R	0~39	40~54	55~69	70~84	85~99
RFID	820493176	730854709	813926081	791405731	835406912

(b)

R	0~39	40~54	55~69	70~84	85~99
RFID1	831709281	793102792	814358231	840526390	751052891
RFID2	779203980	809132041	849137655	789182509	850021934
RFID3	839093127	749084765	788015233	850139767	802049344
RFID4	740980346	808645210	779288401	750561234	766104988

(c)

R	0~39	40~54	55~69	70~84	85~99
RFID1	799804511	717950841	899893020	879010300	700913561
RFID2	779203980	709130241	749182655	889121509	750021214
RFID3	839093127	849048765	888062233	750161767	702049319
RFID4	740980346	708642510	879264401	850561202	856104923

FIG.13

(a)

COMMON PSEUDO RFID	SALES AREA
820493176	CHIYODA-KU
809207321	SHINJUKU-KU
831902845	SHIBUYA-KU
\$	\$
798091320	UKYO-KU

(b)

COMMON PSEUDO RFID	SALES AREA
779203980	
839093127	CHIYODA-KU
740980346	
810391562	
781529055	SHINJUKU-KU
808892177	
\$	\$
788718955	
845590329	UKYO-KU
822770945	

FIG.14

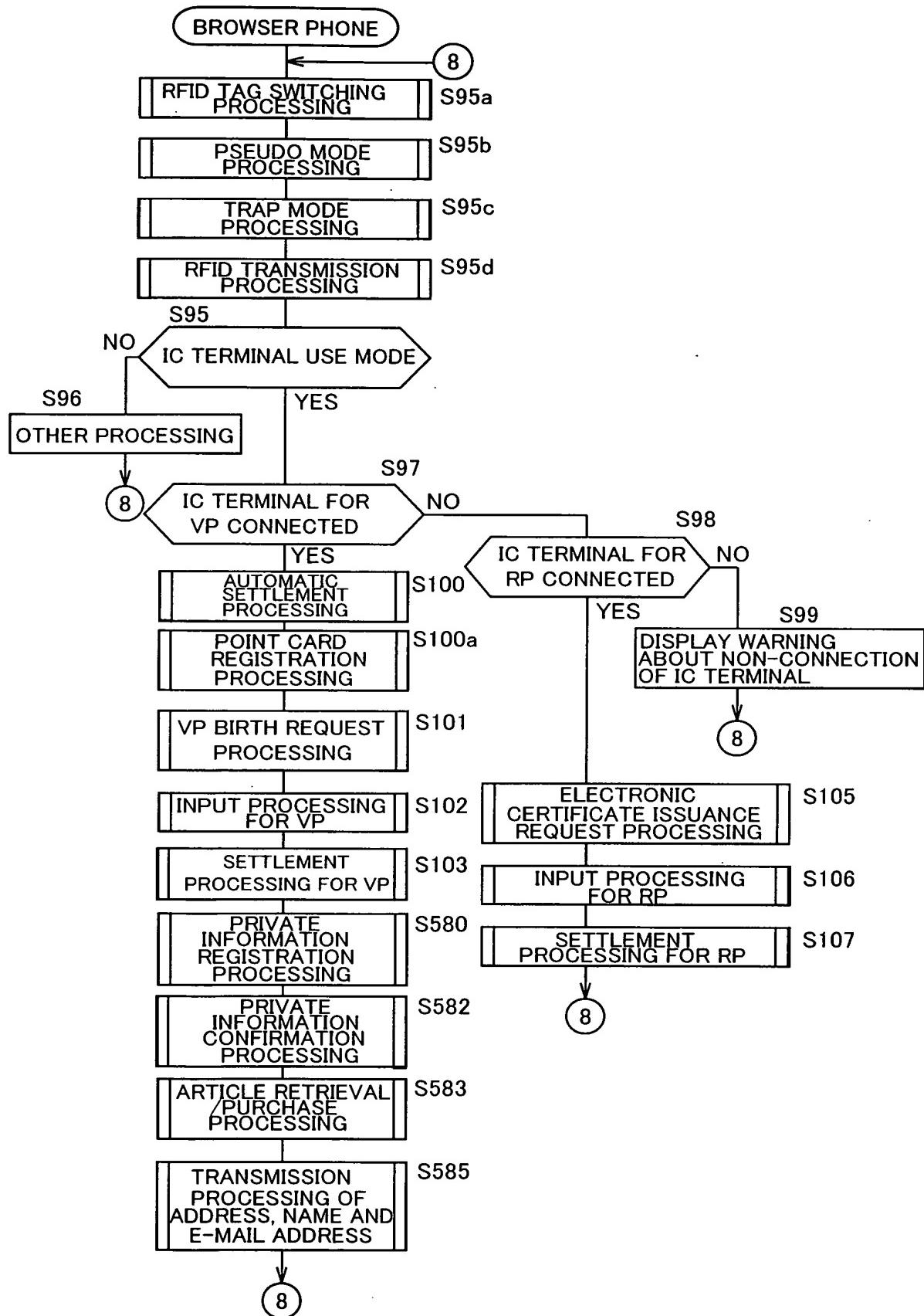


FIG.15

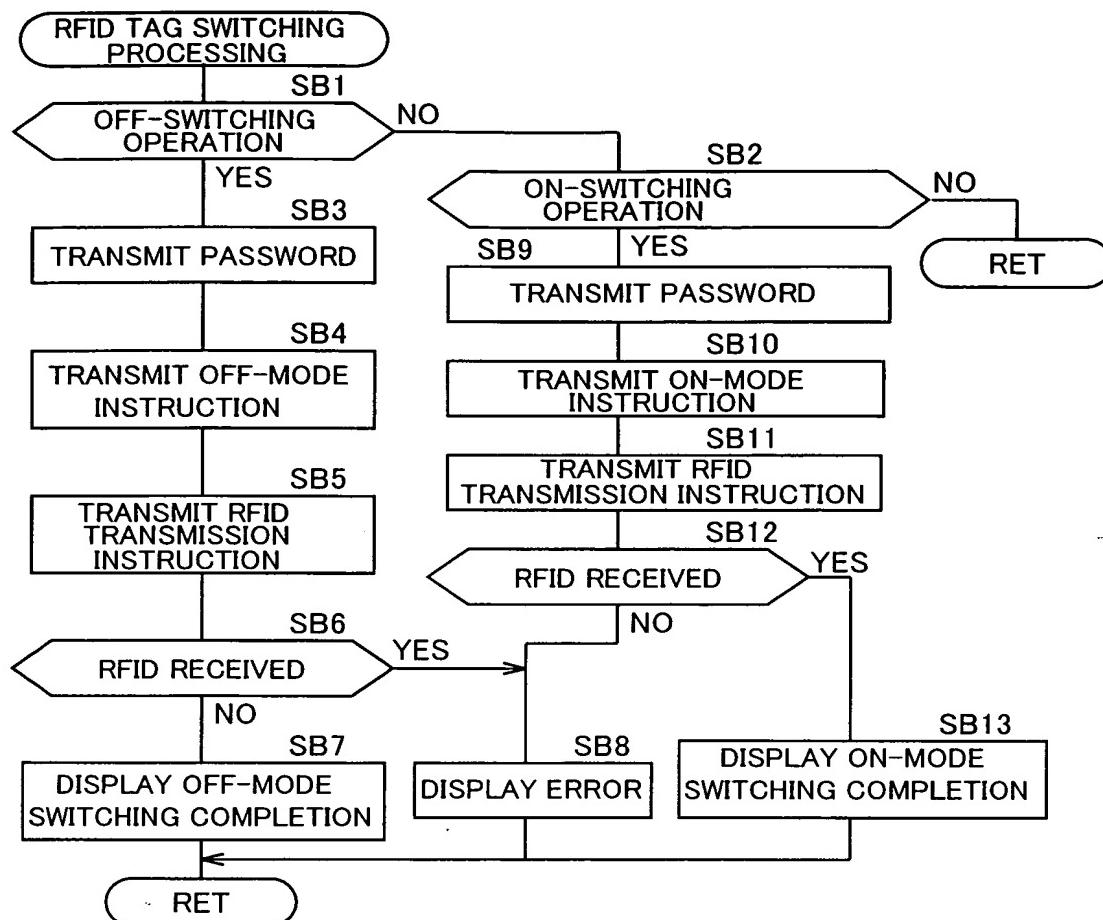


FIG.16

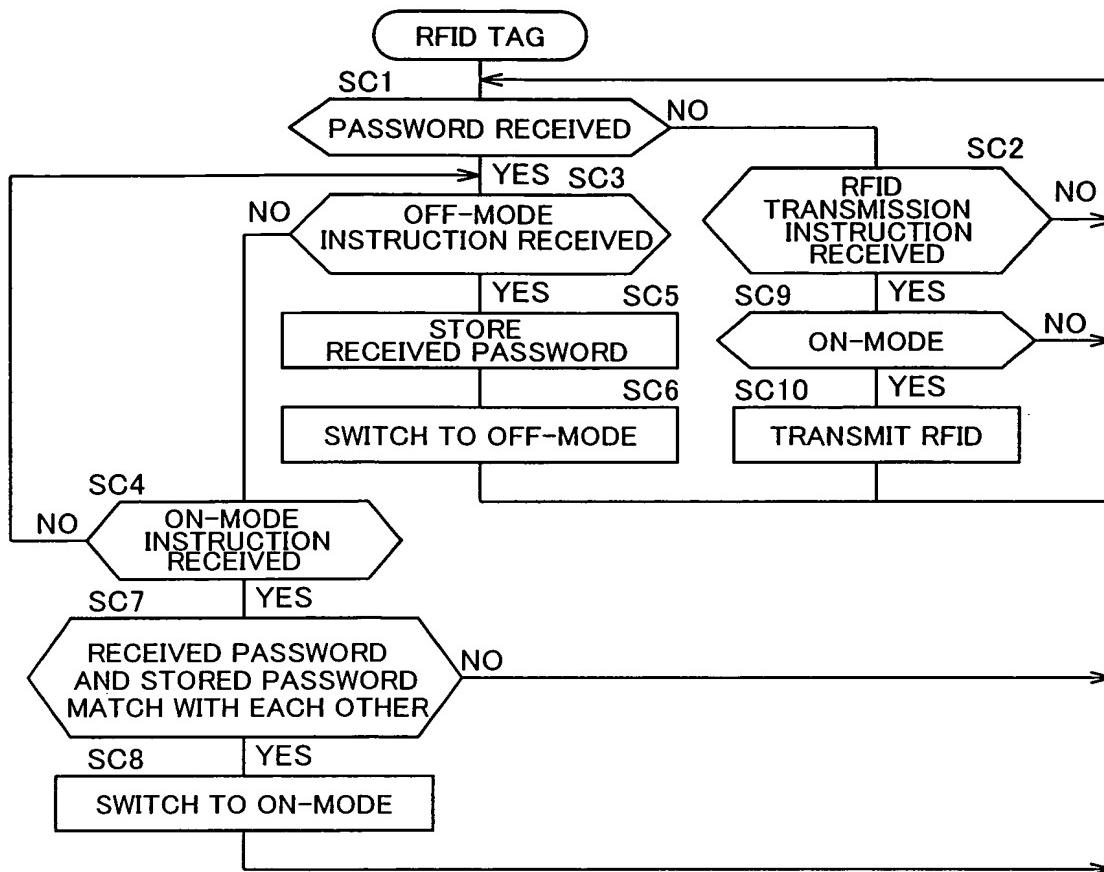


FIG.17

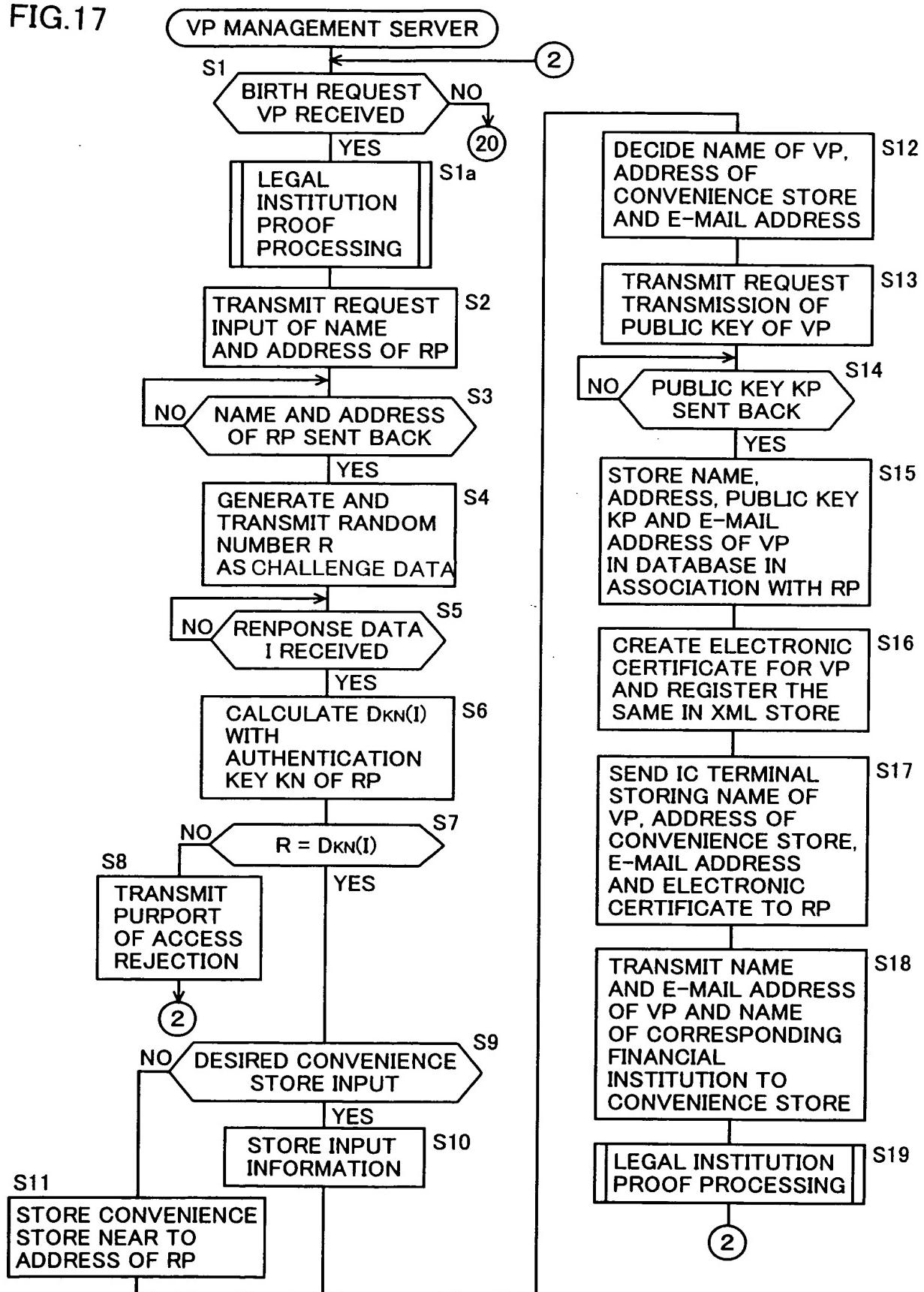


FIG.18

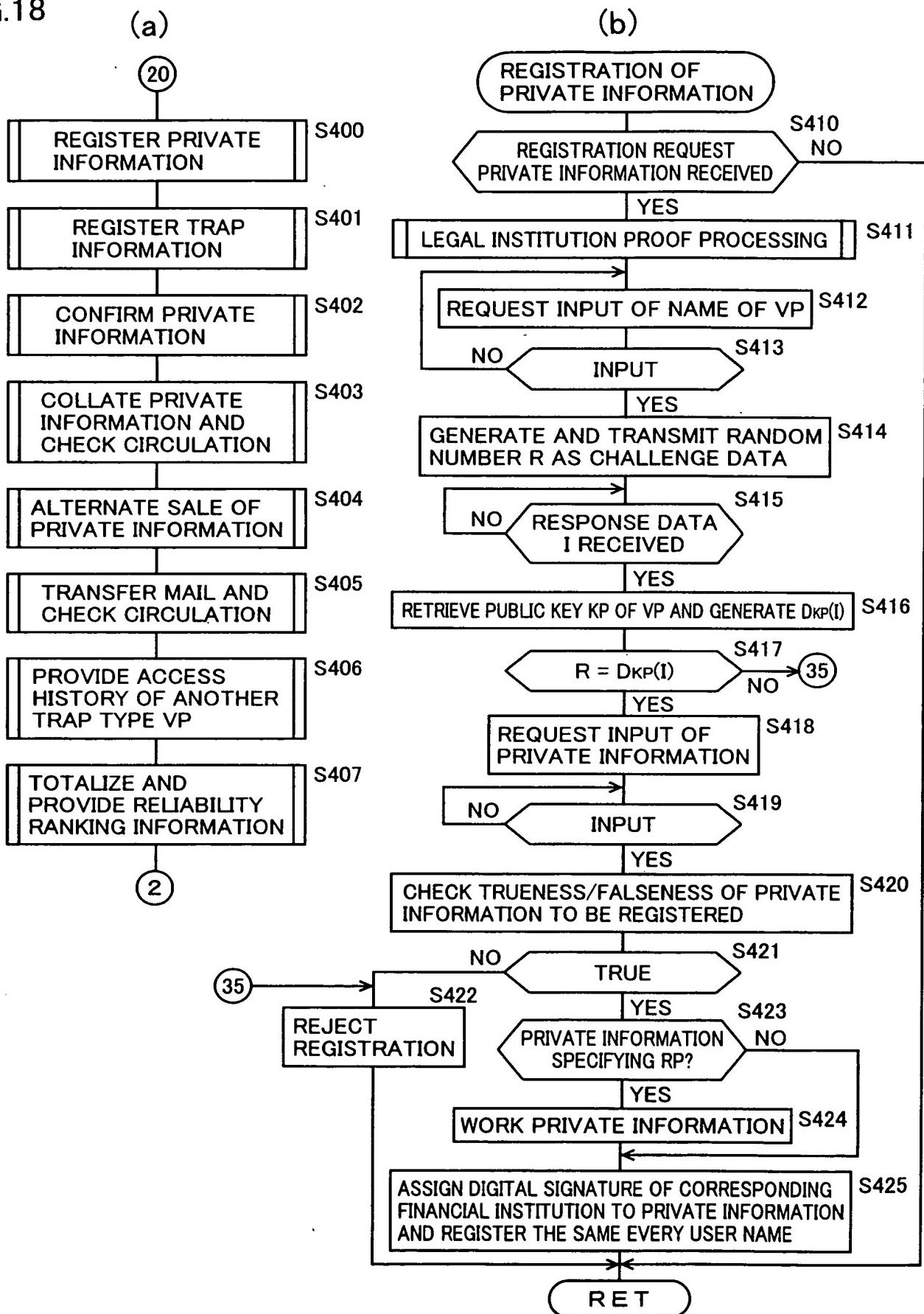


FIG.19

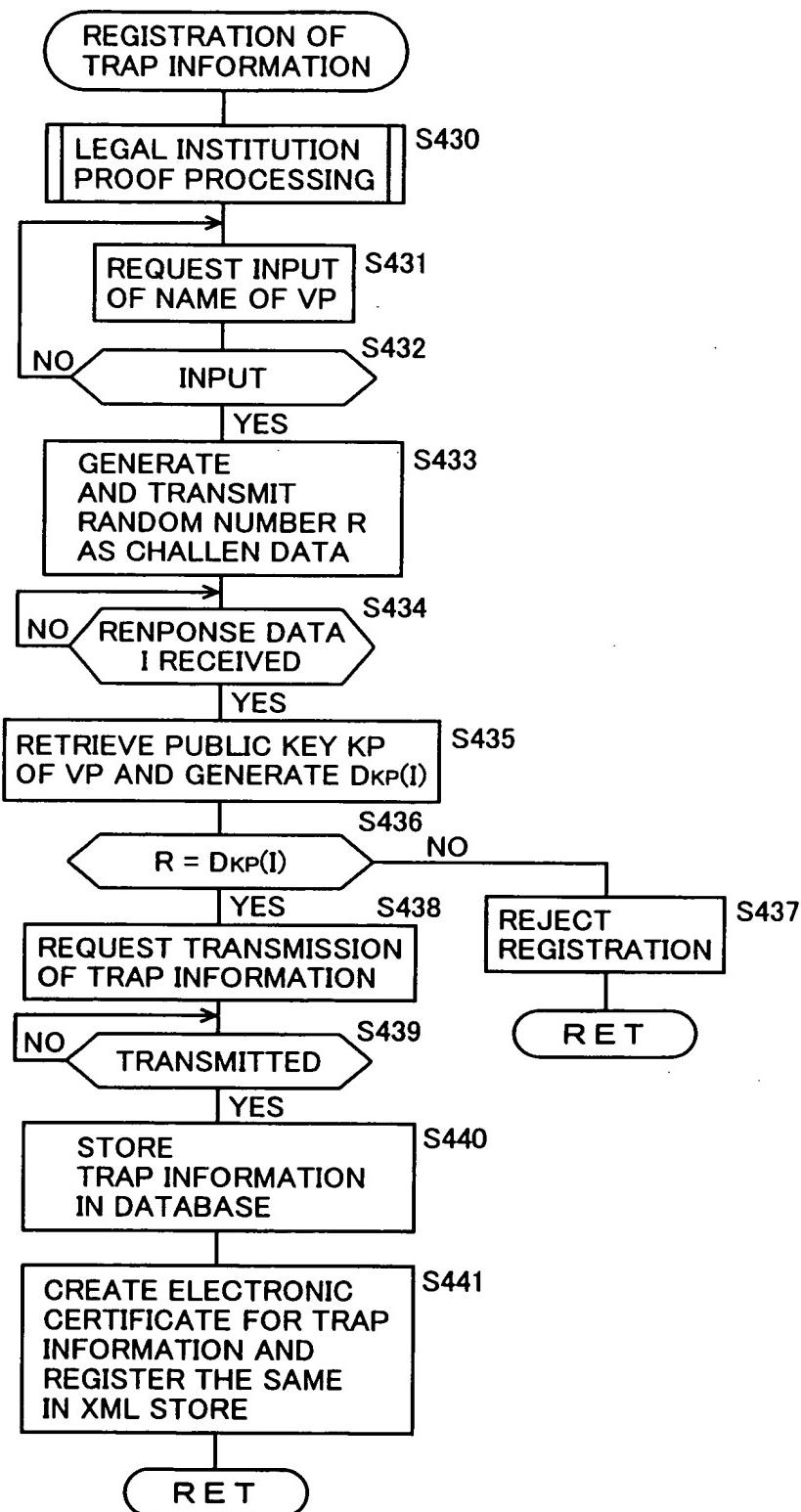


FIG.20

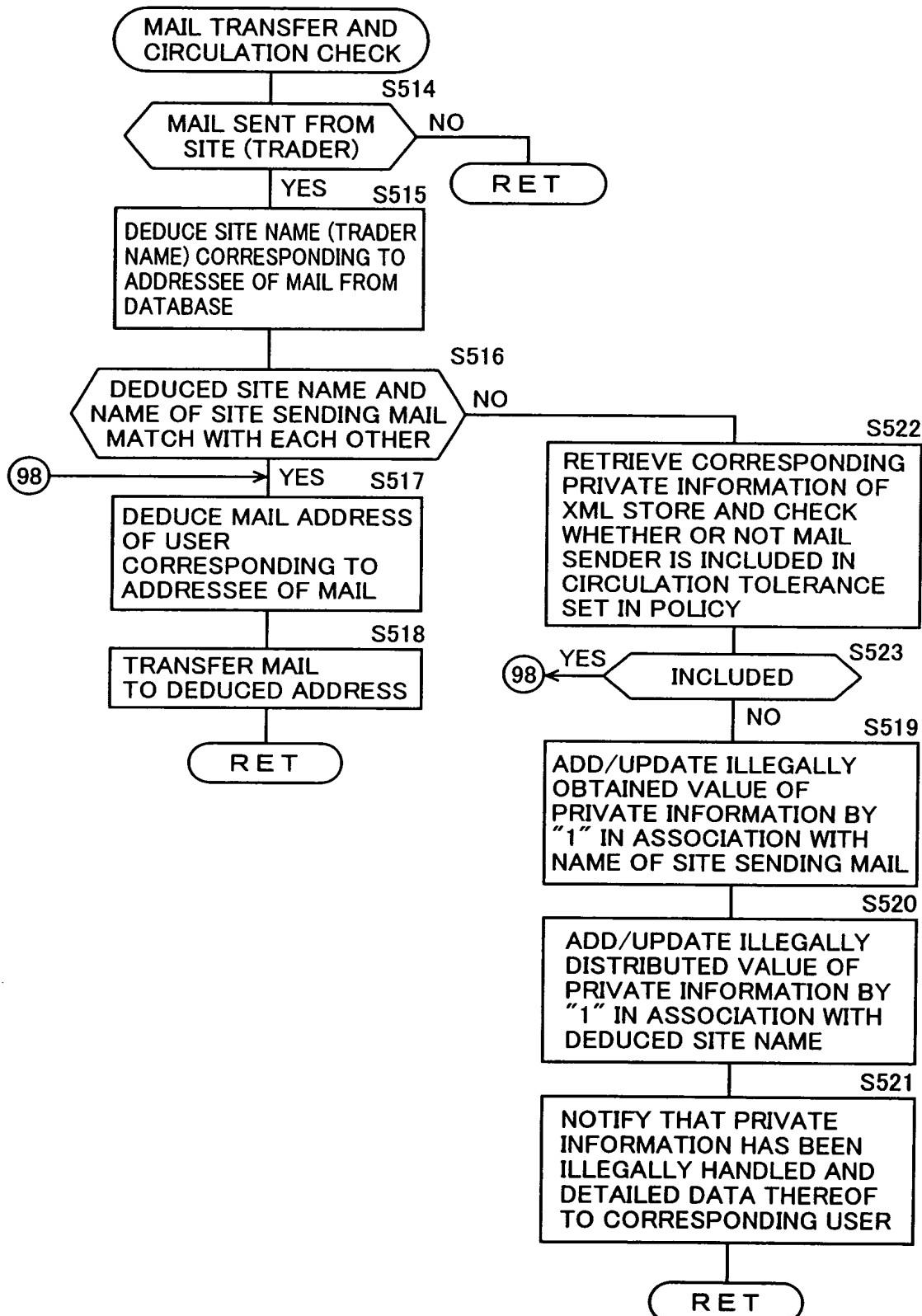


FIG.21

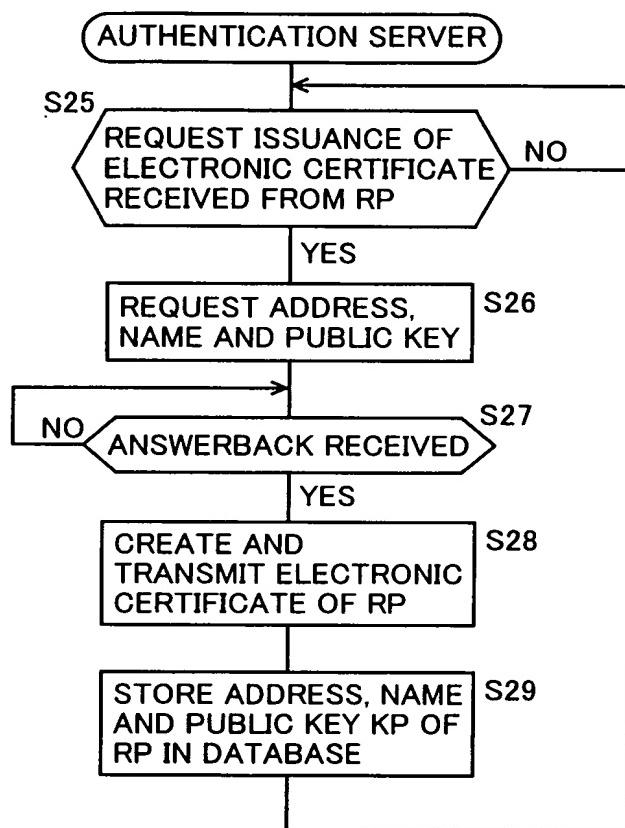


FIG.22

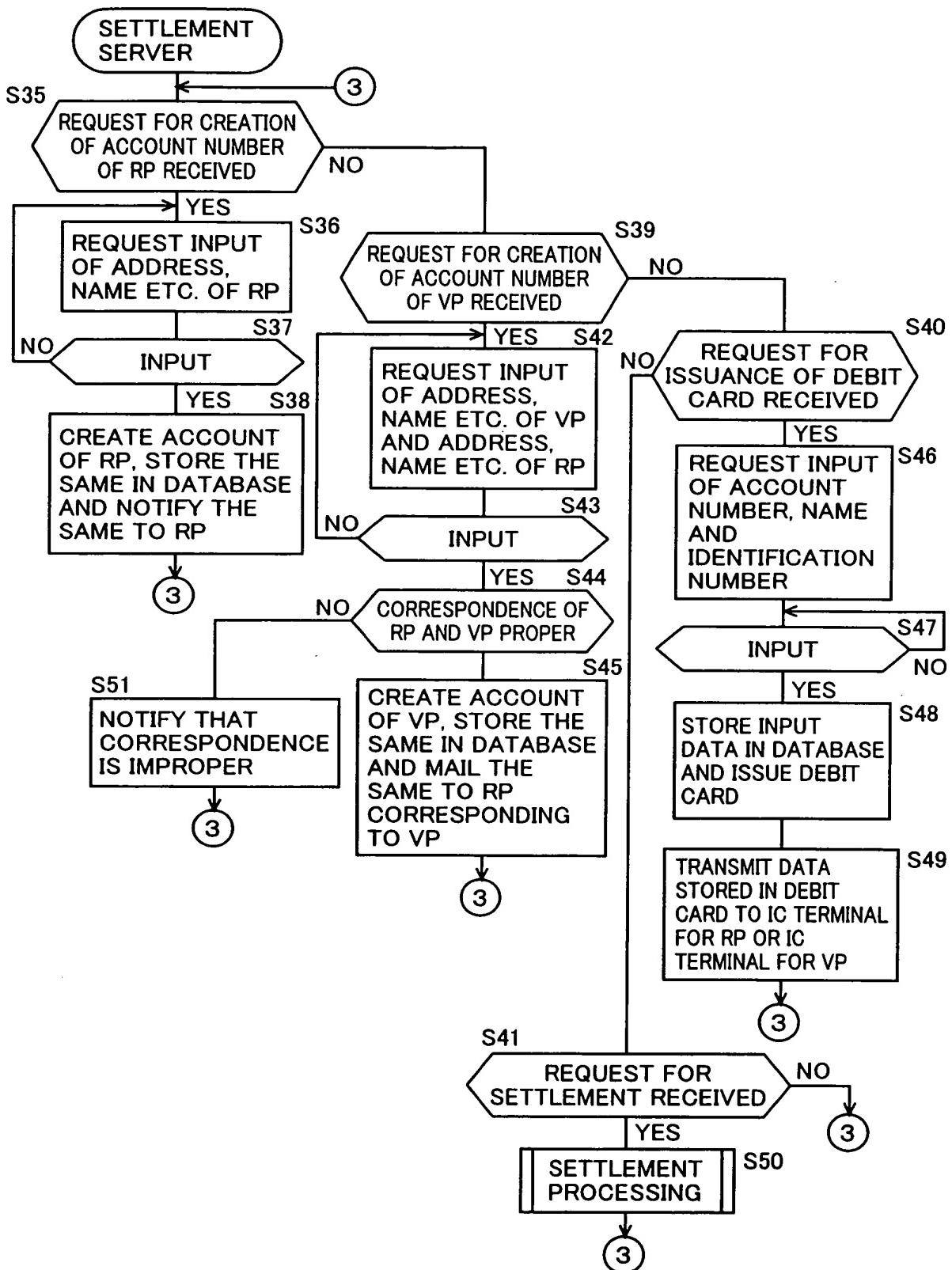


FIG.23

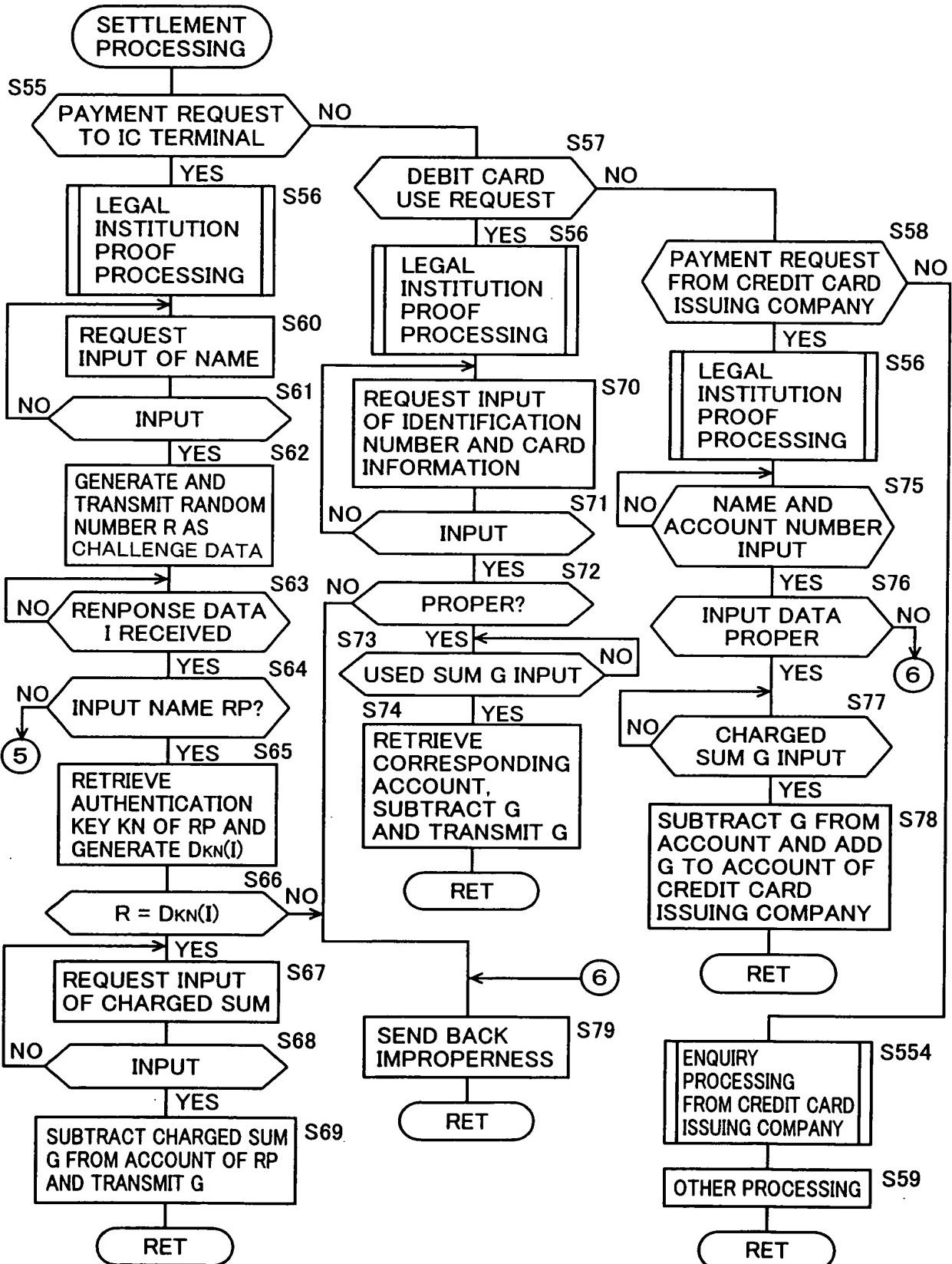


FIG.24

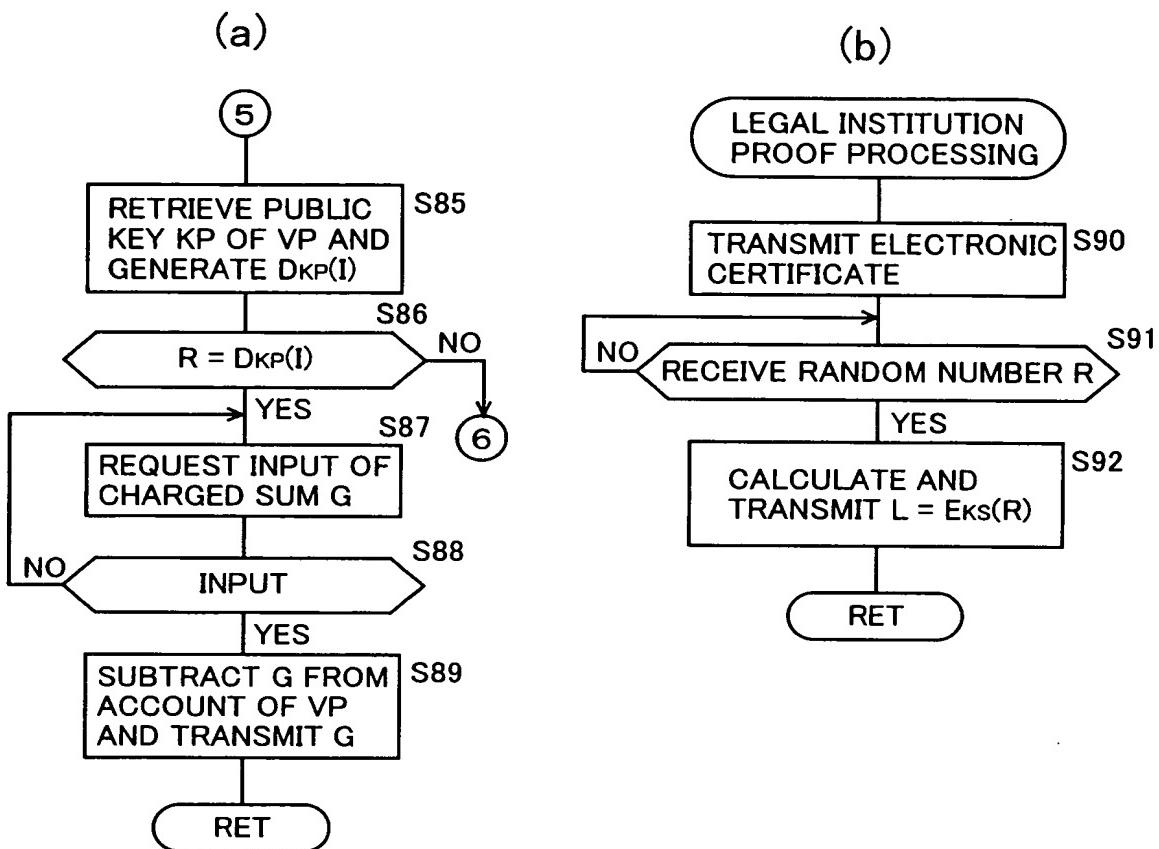


FIG.25

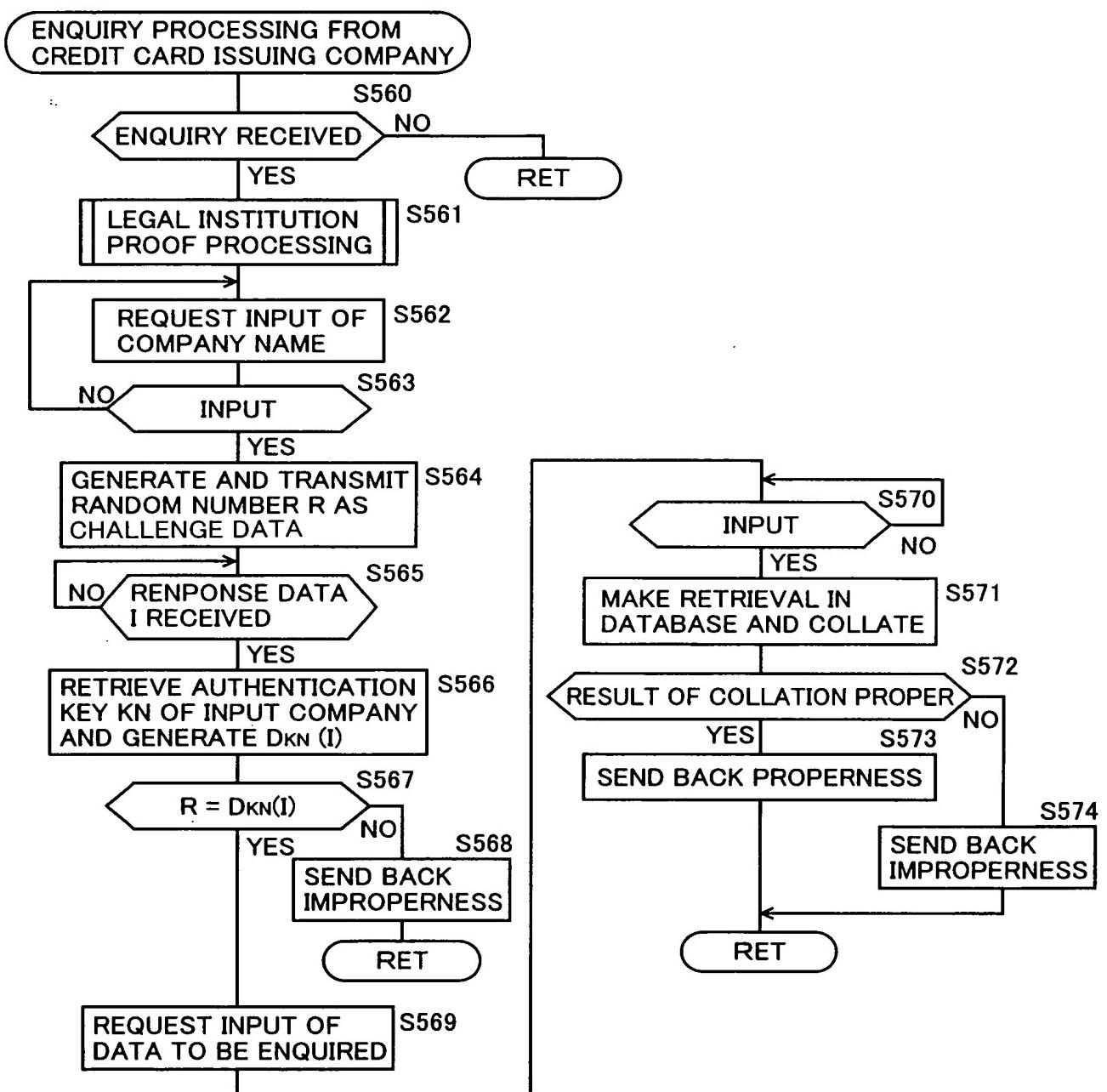


FIG.26

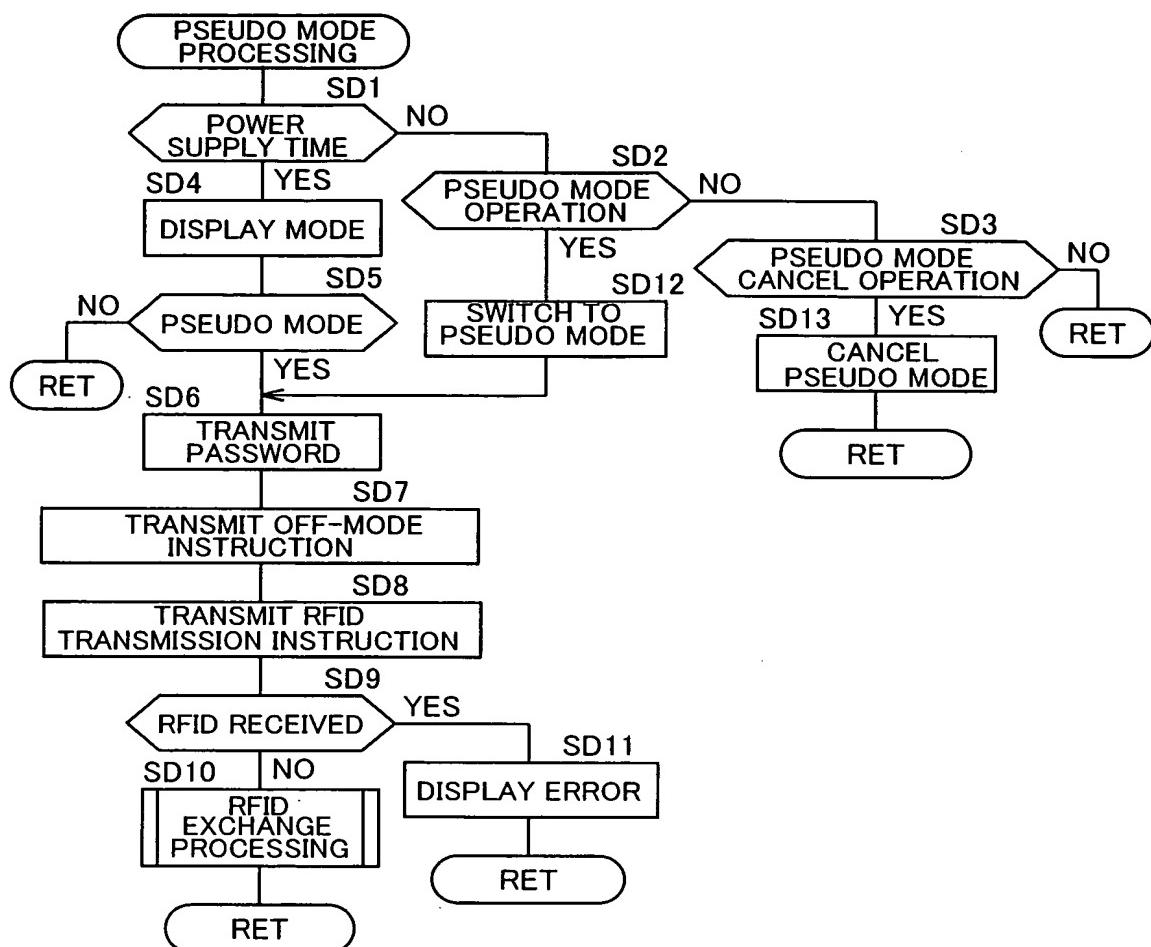


FIG.27

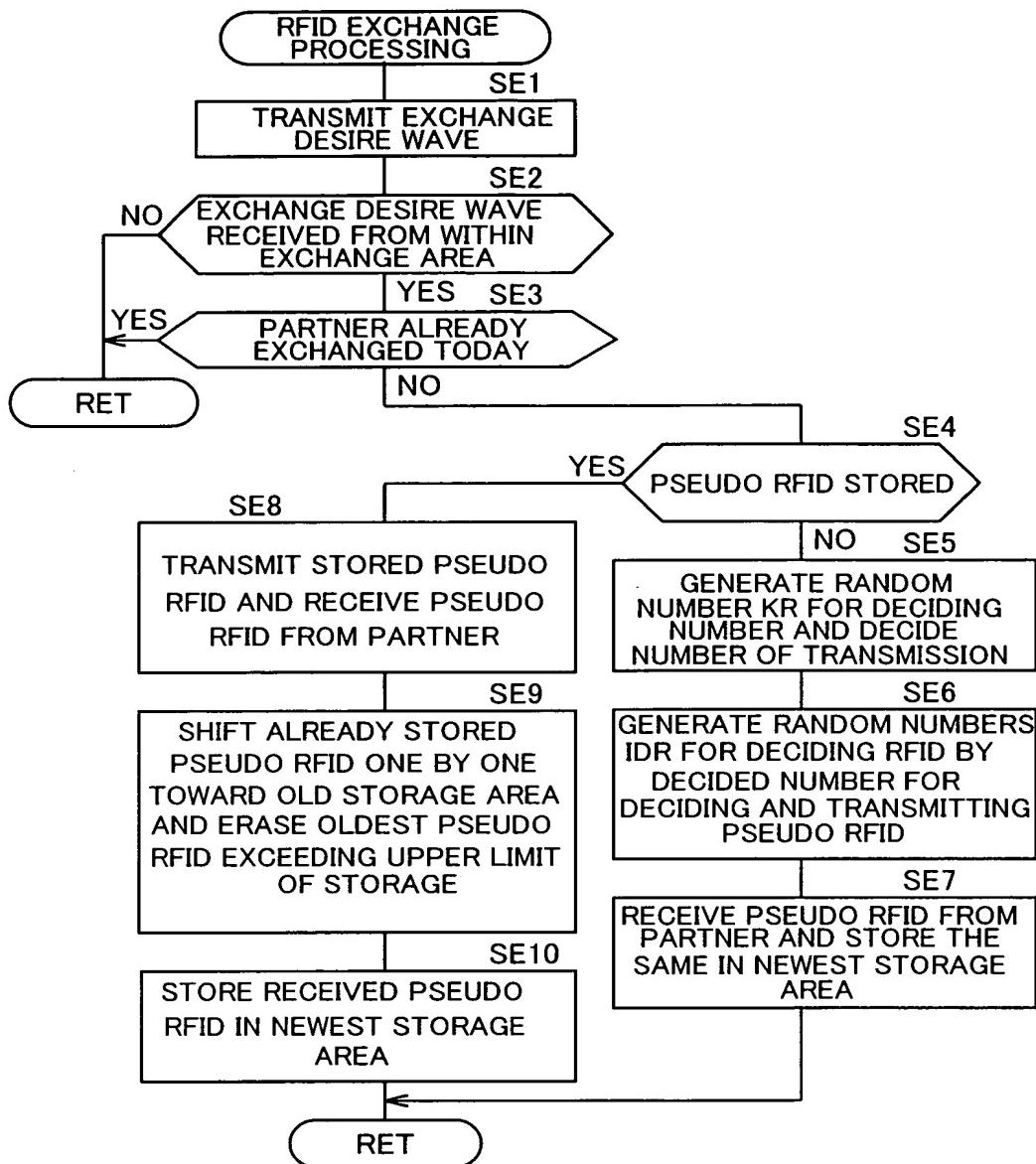


FIG.28

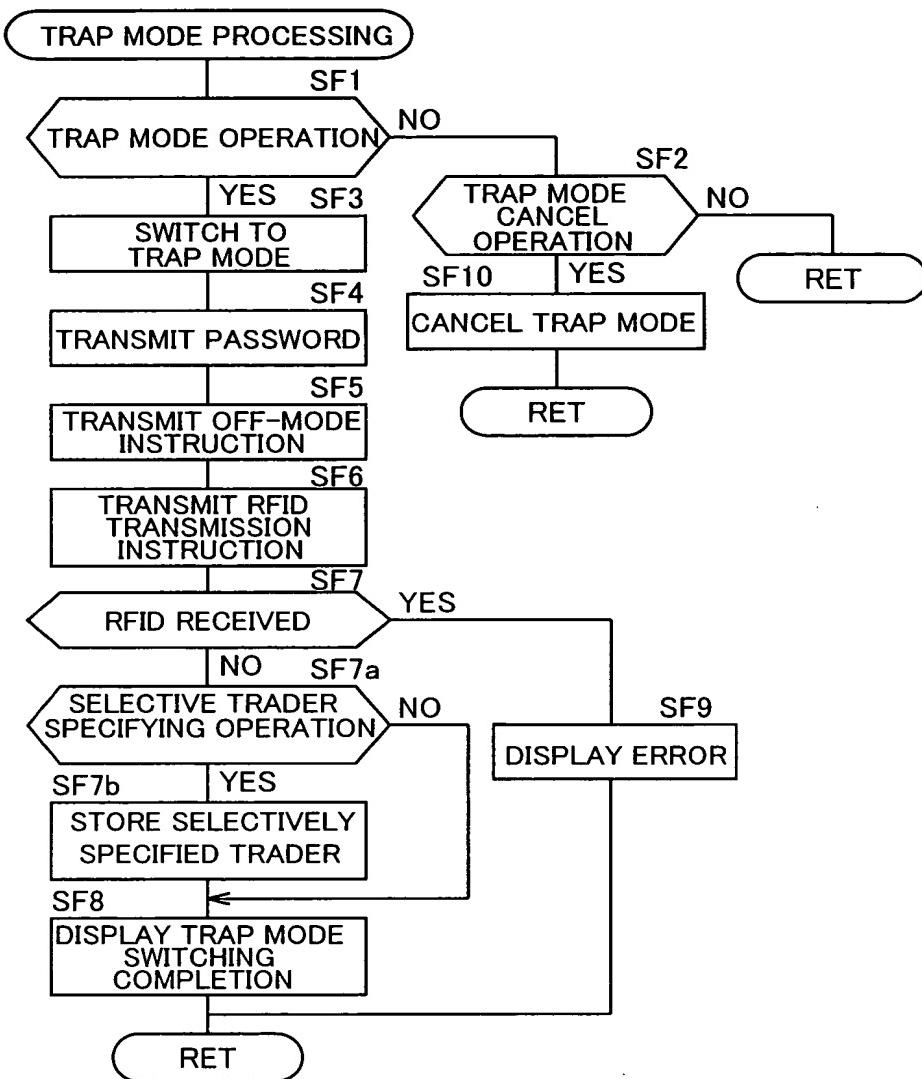


FIG.29

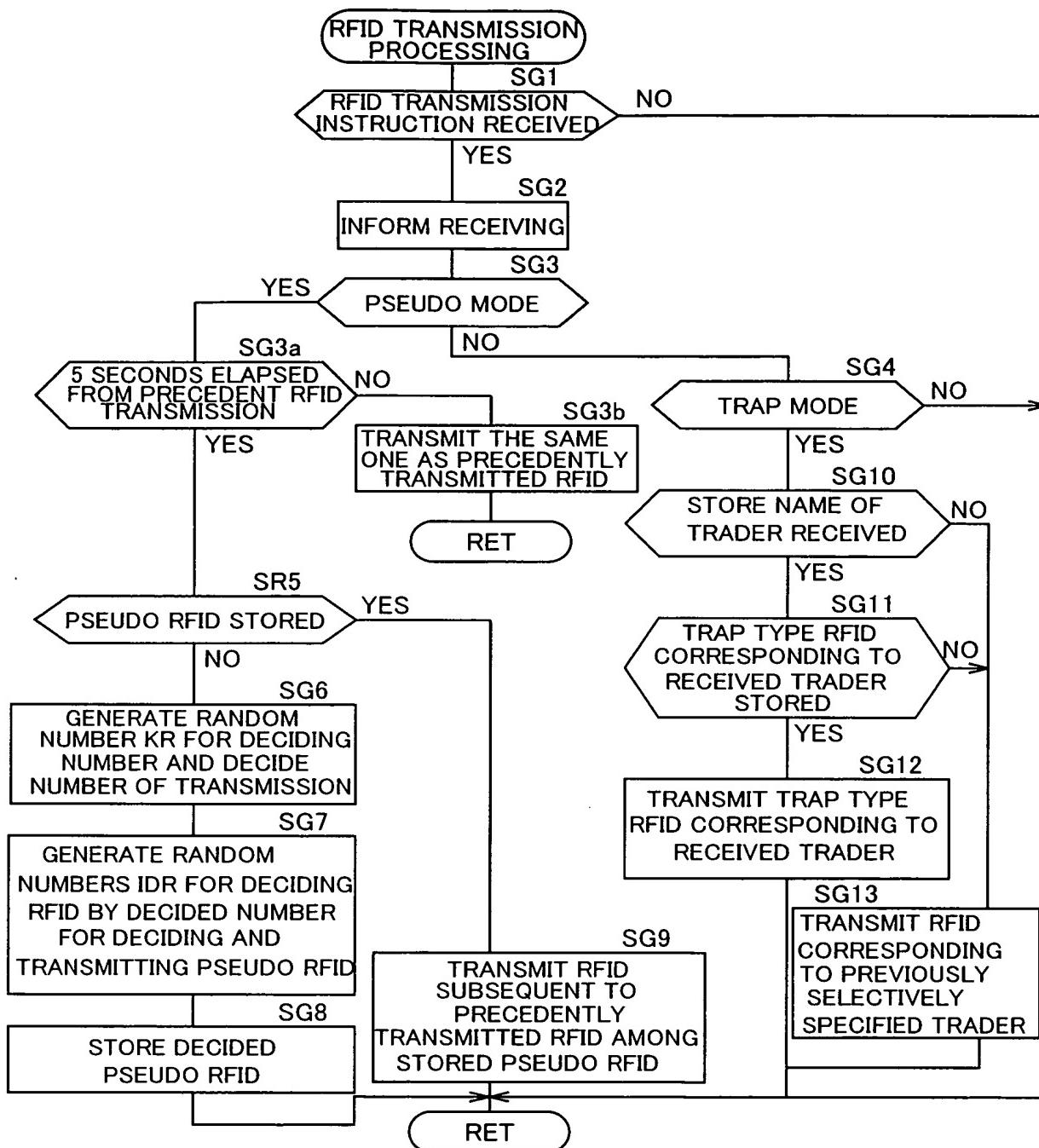


FIG.30

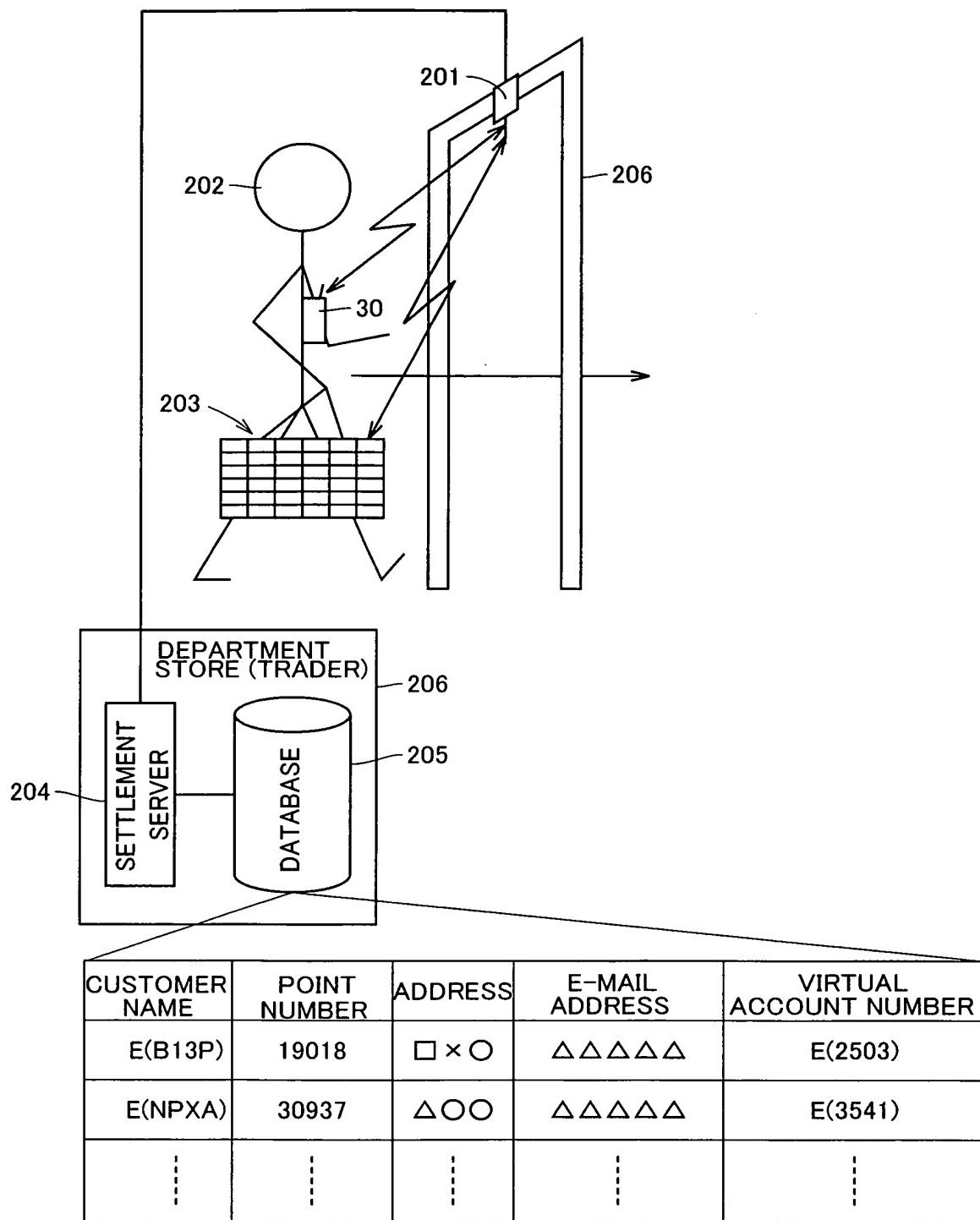


FIG.31

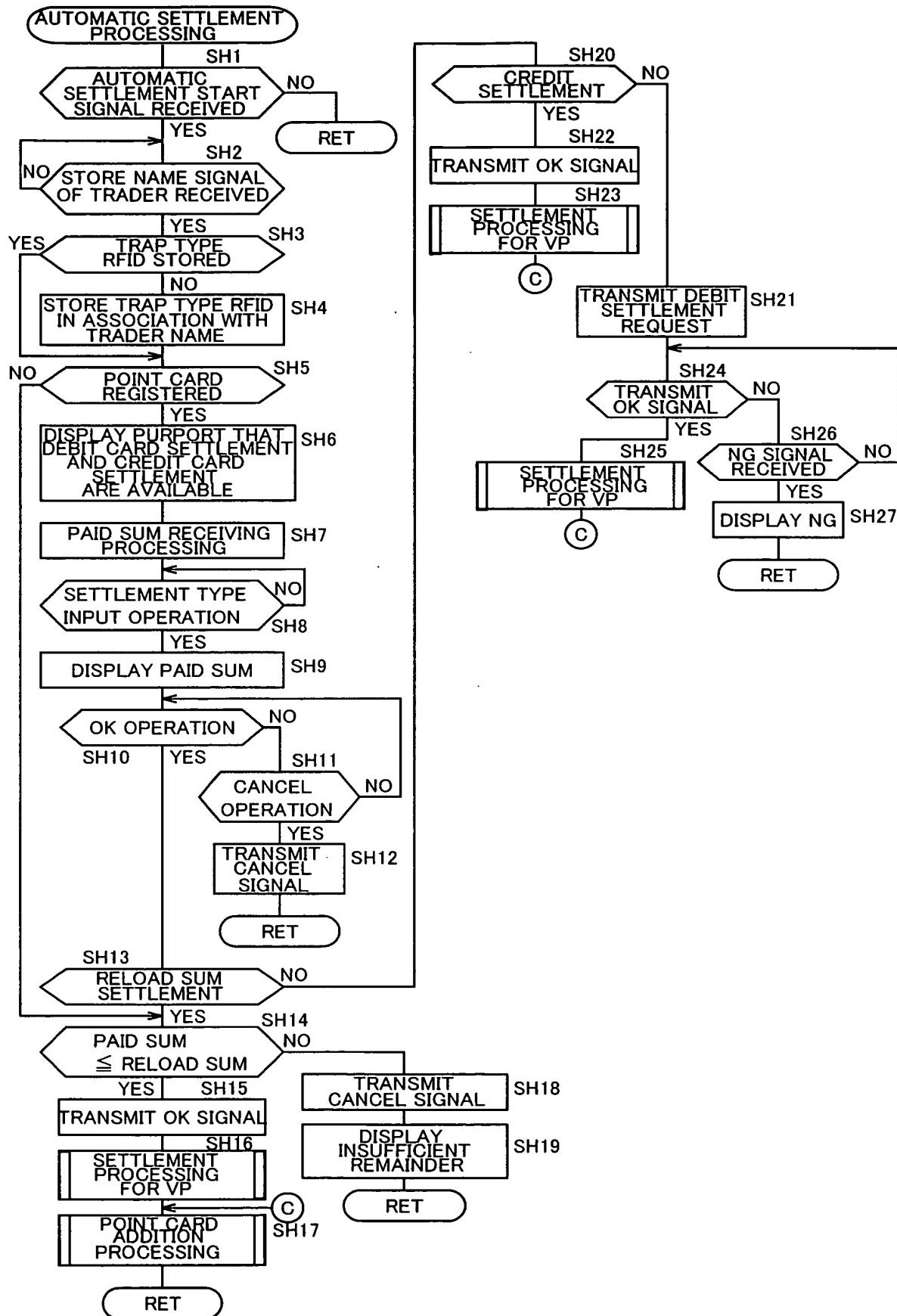


FIG.32

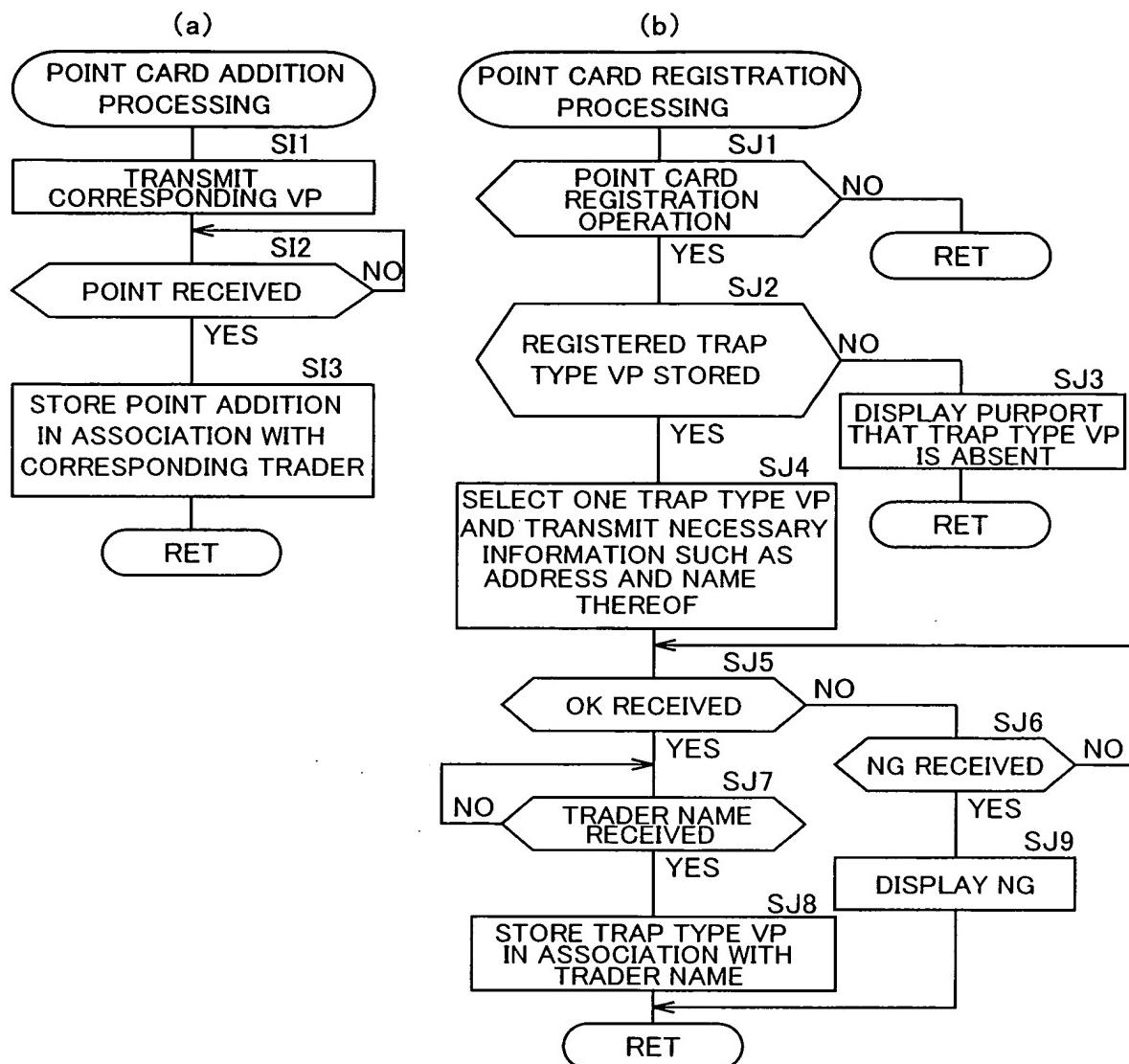


FIG.33

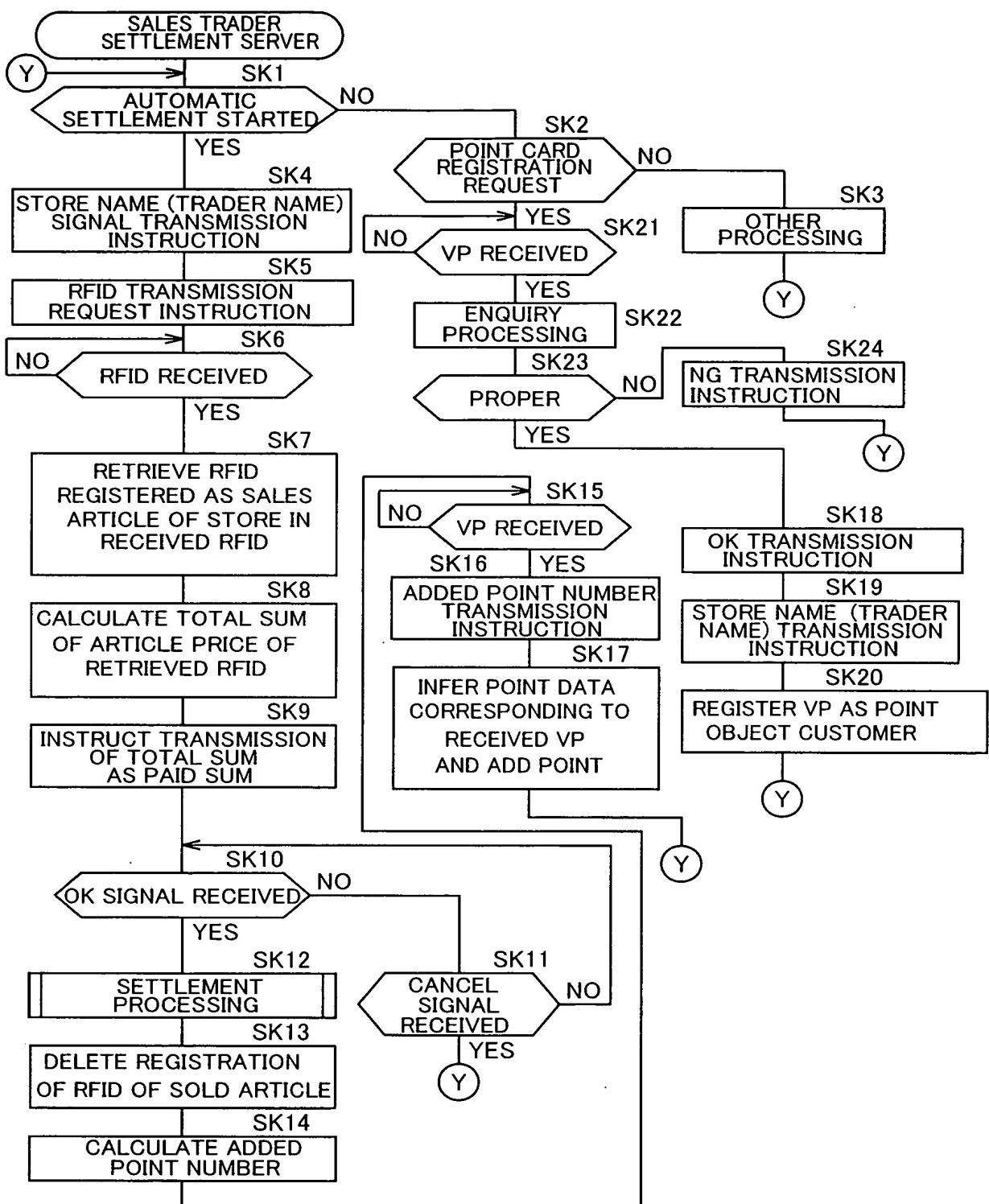


FIG.34

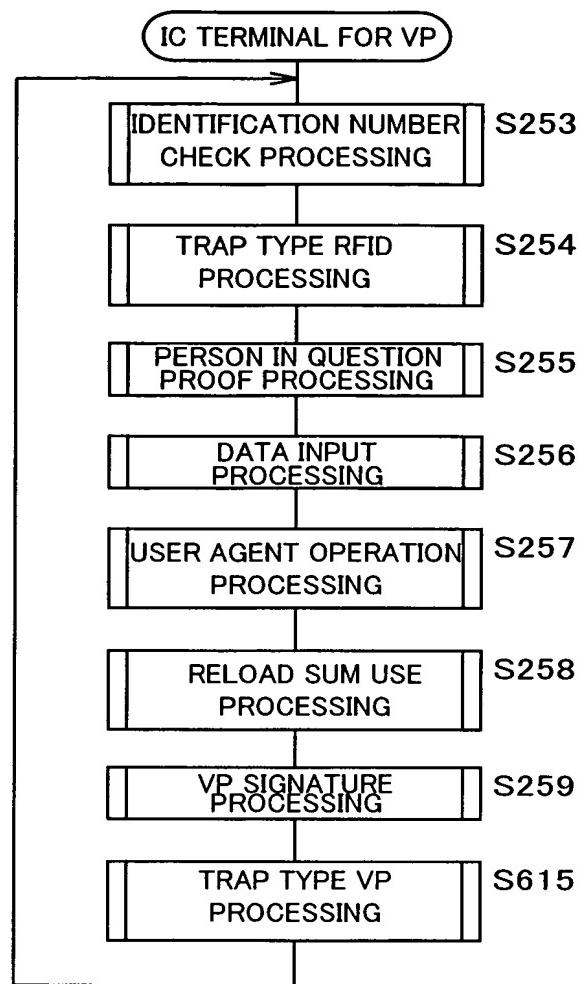


FIG.35

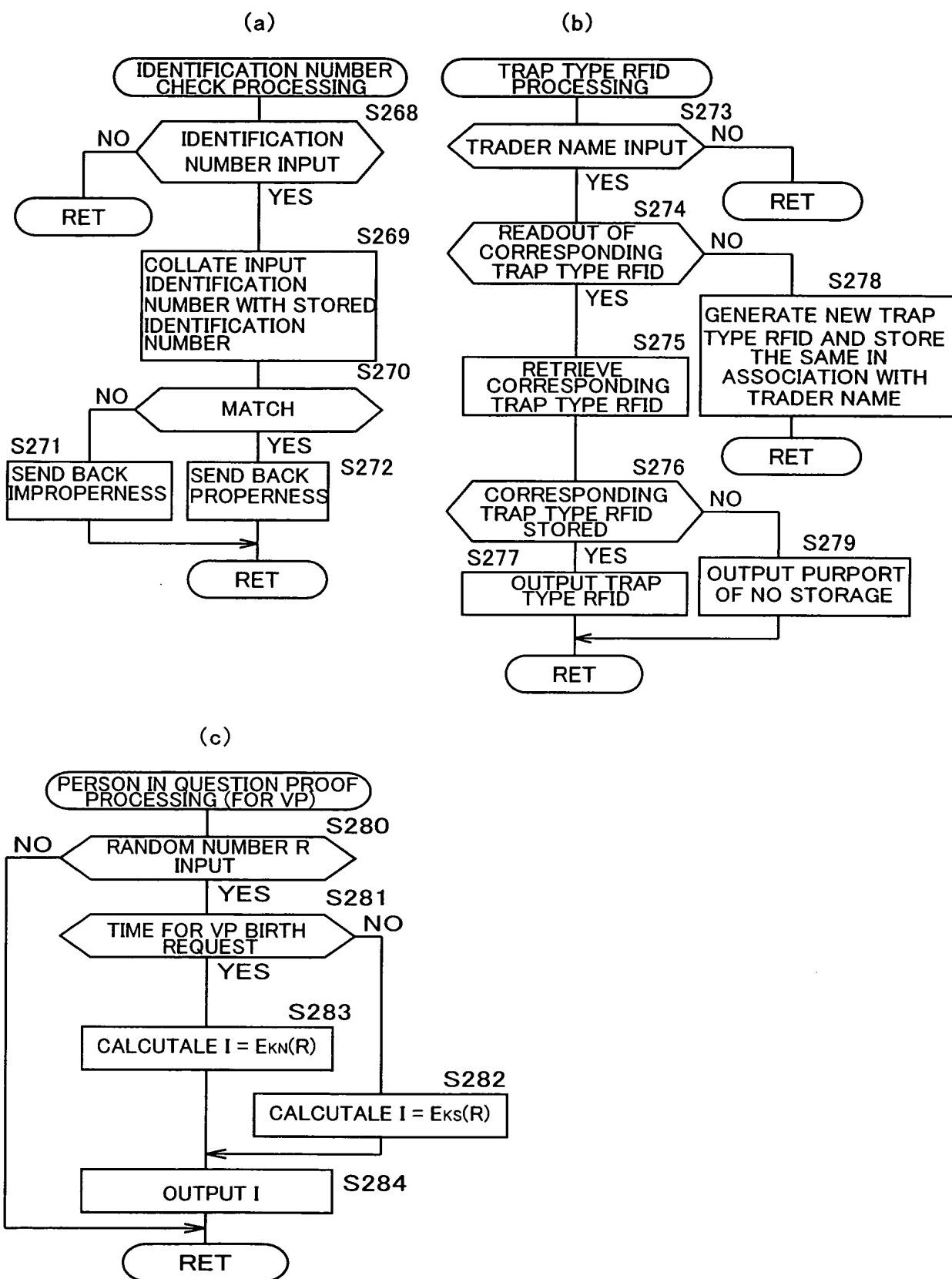


FIG.36

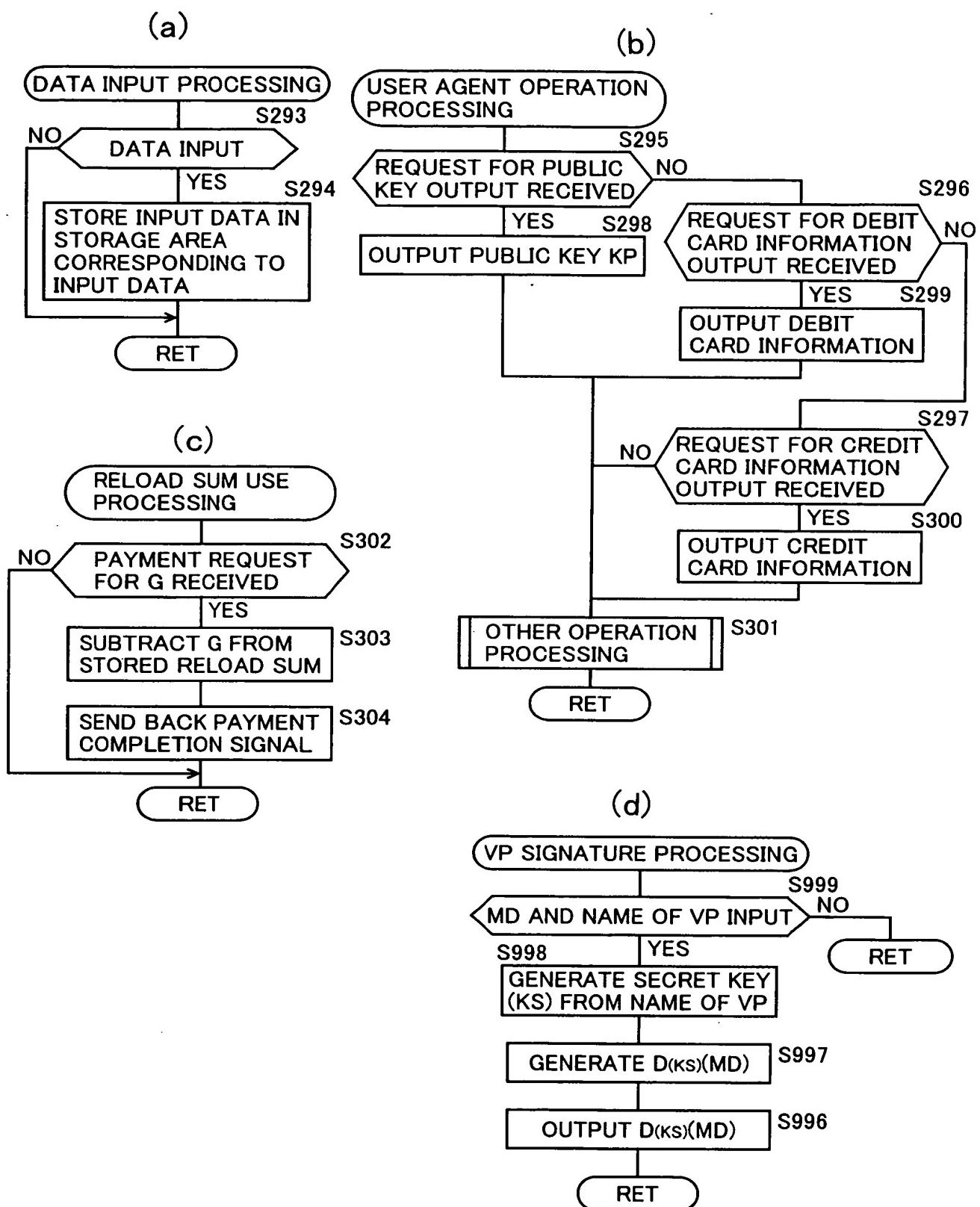


FIG.37

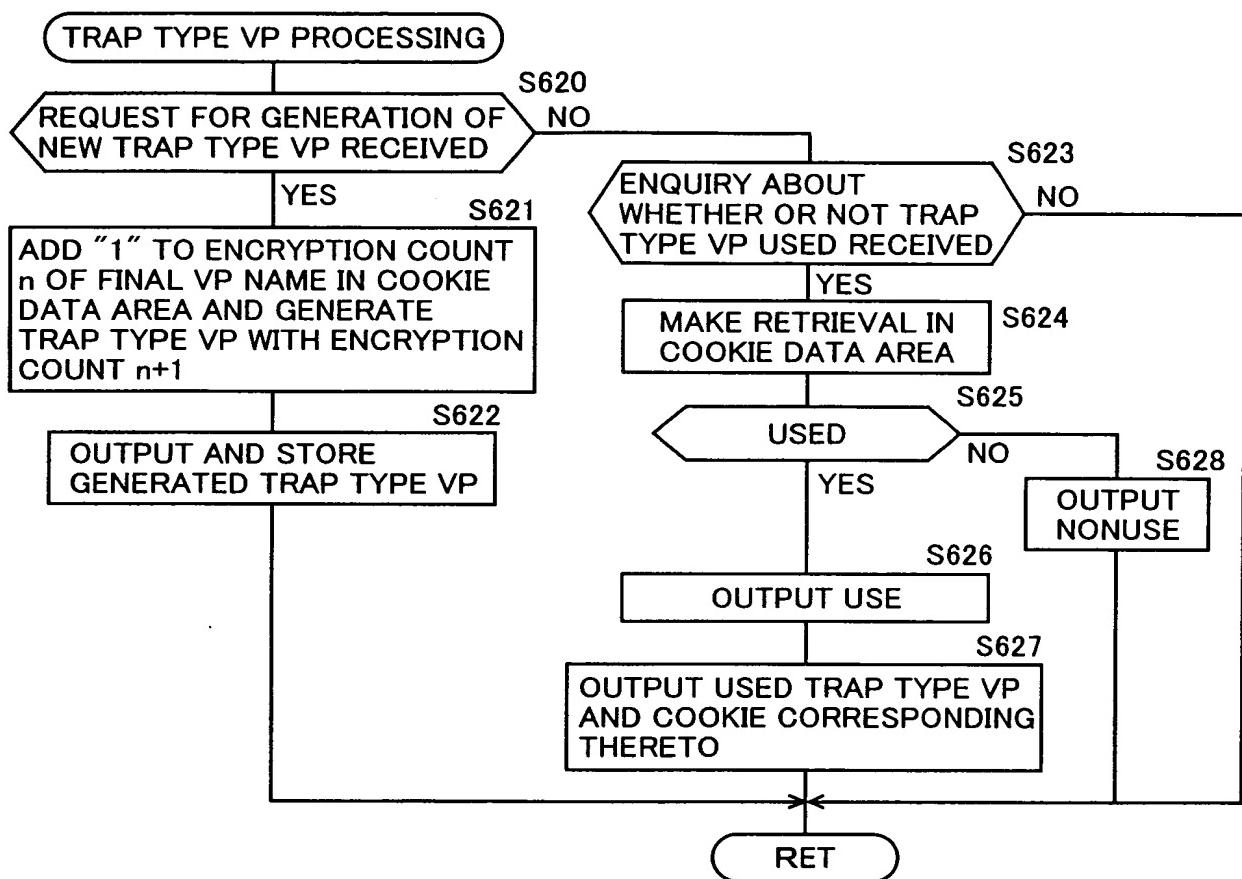


FIG.38

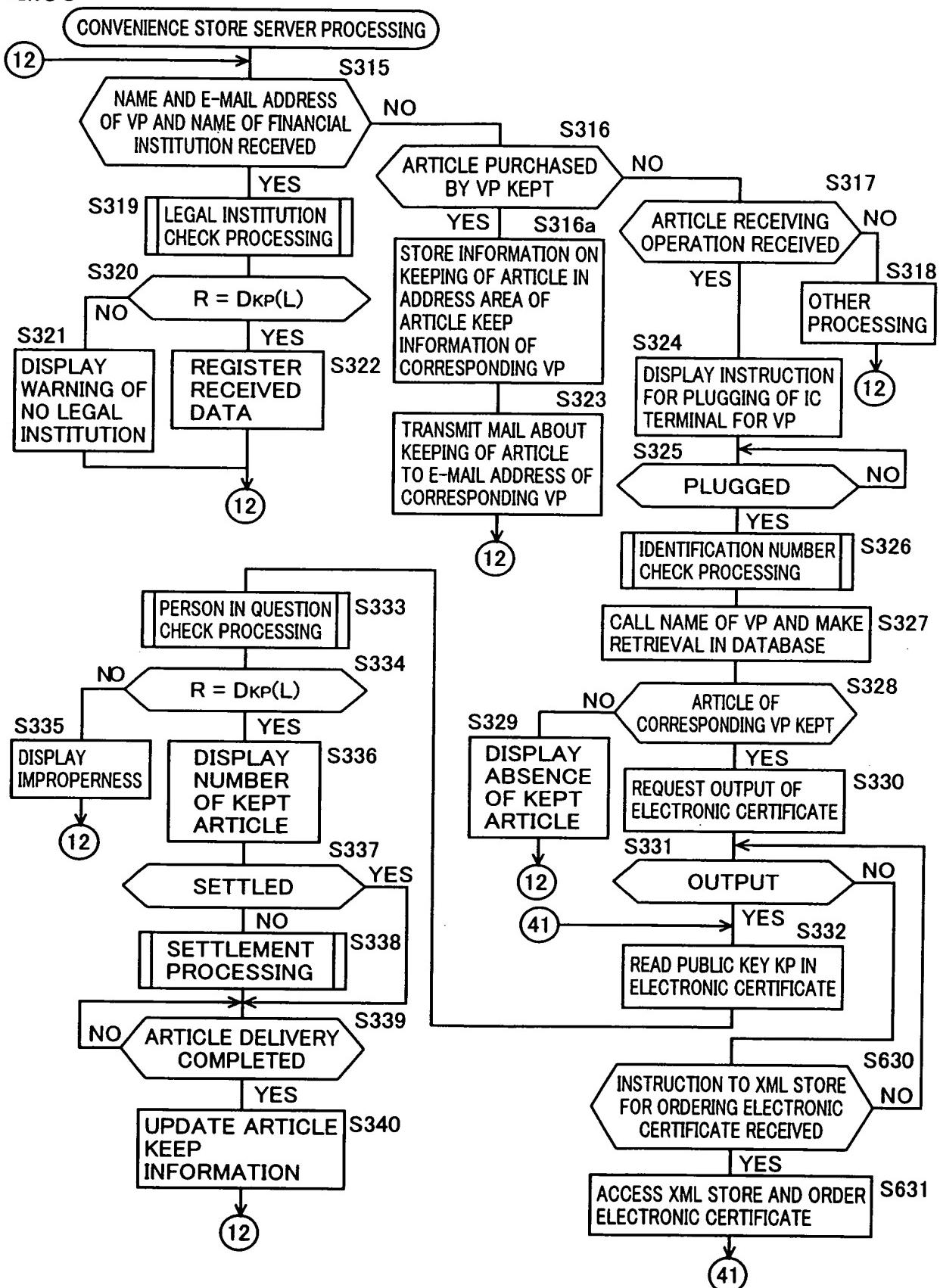


FIG.39

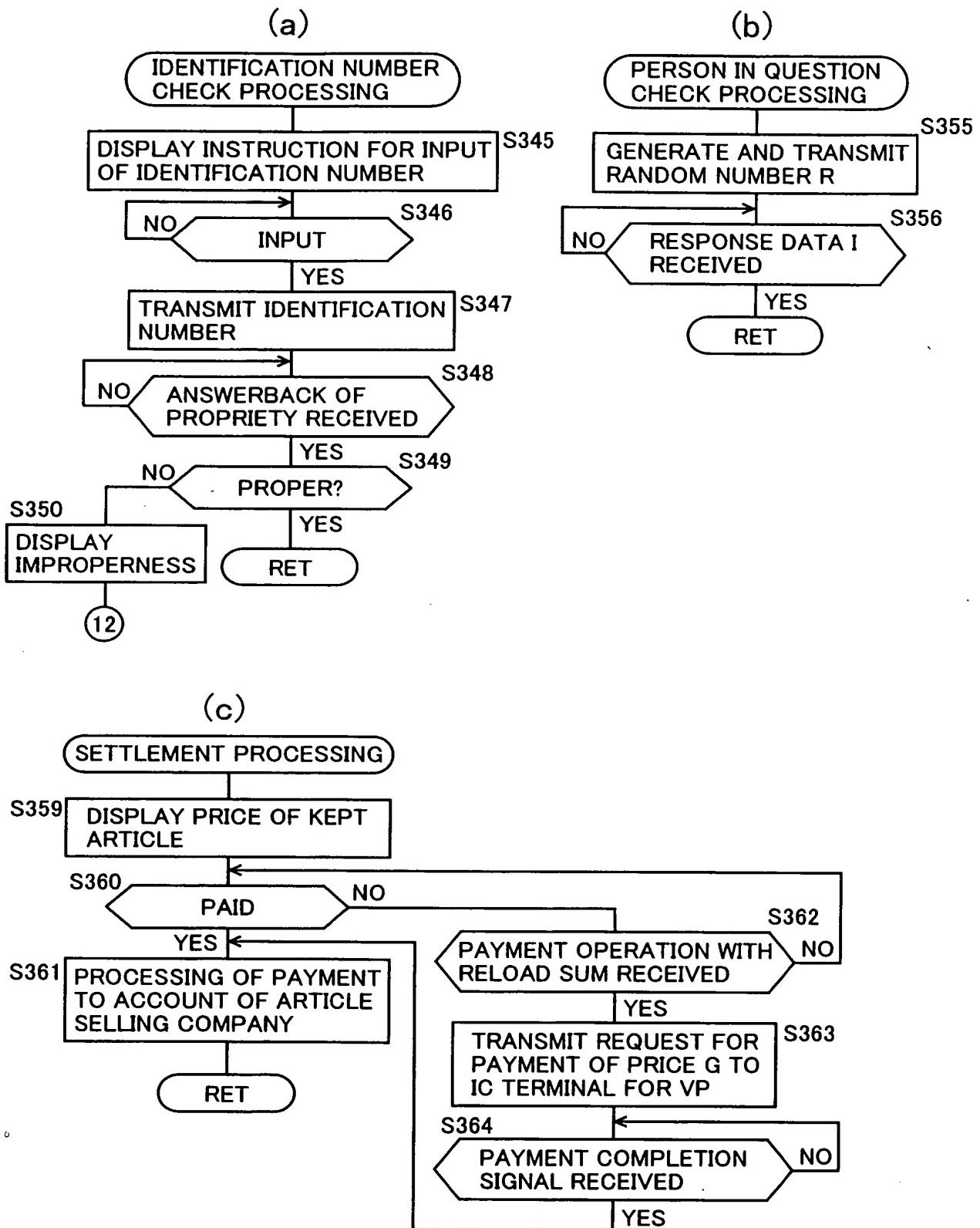
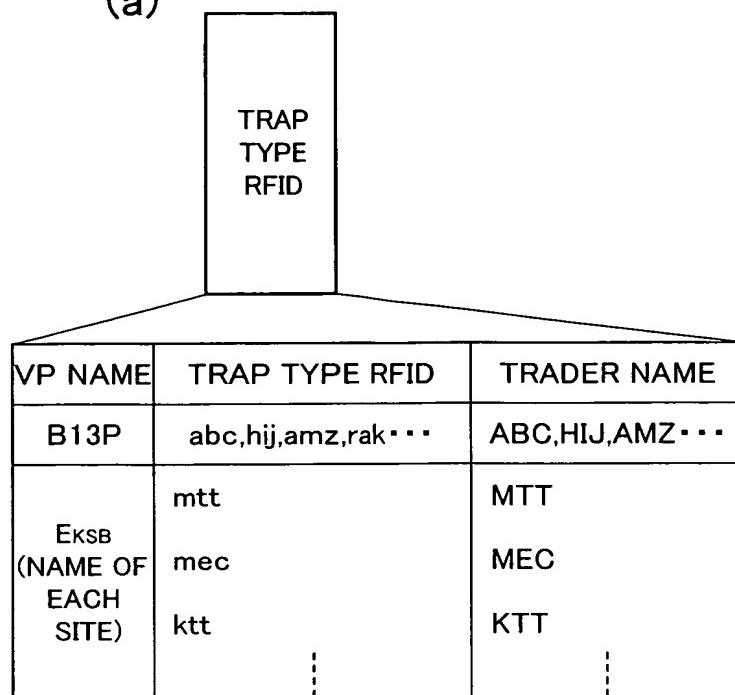
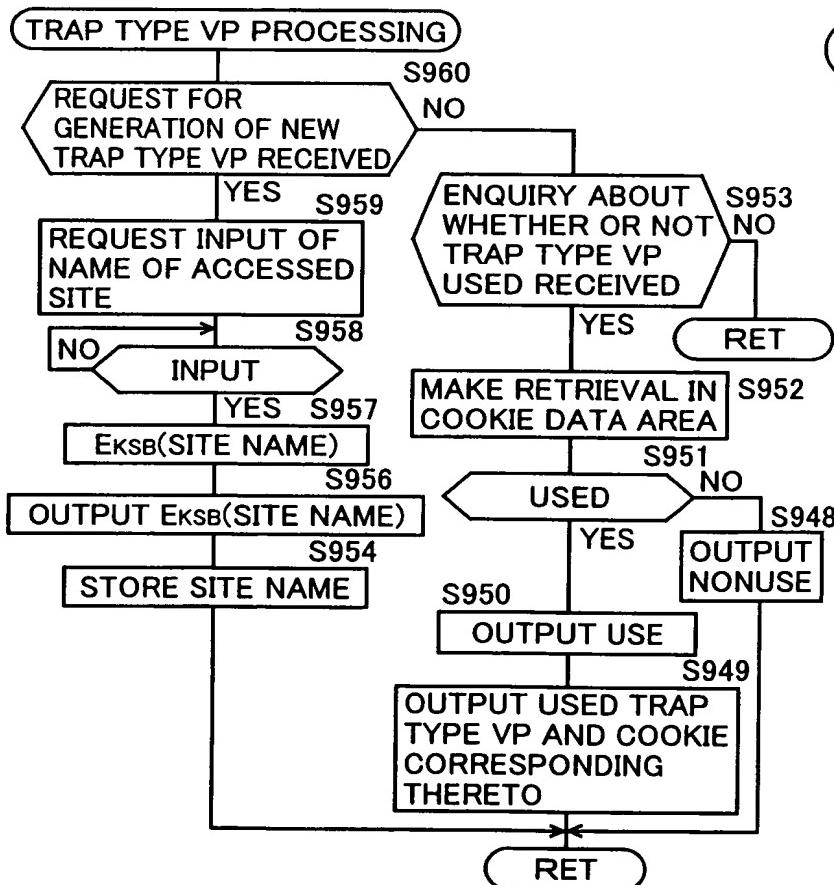


FIG.40

(a)



(b)



(c)

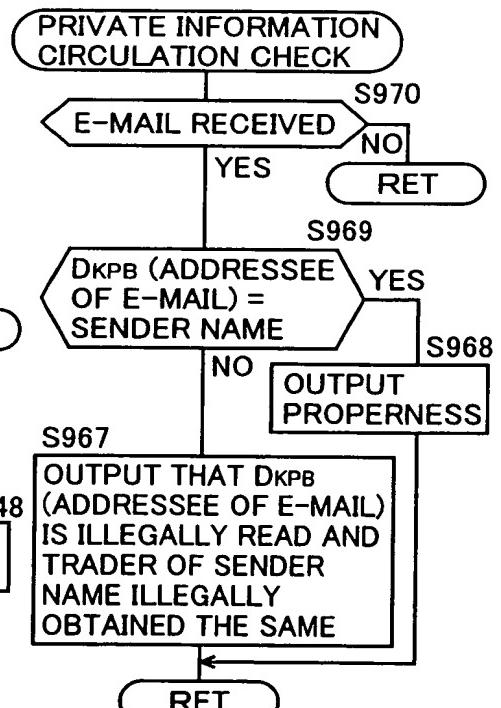


FIG.41

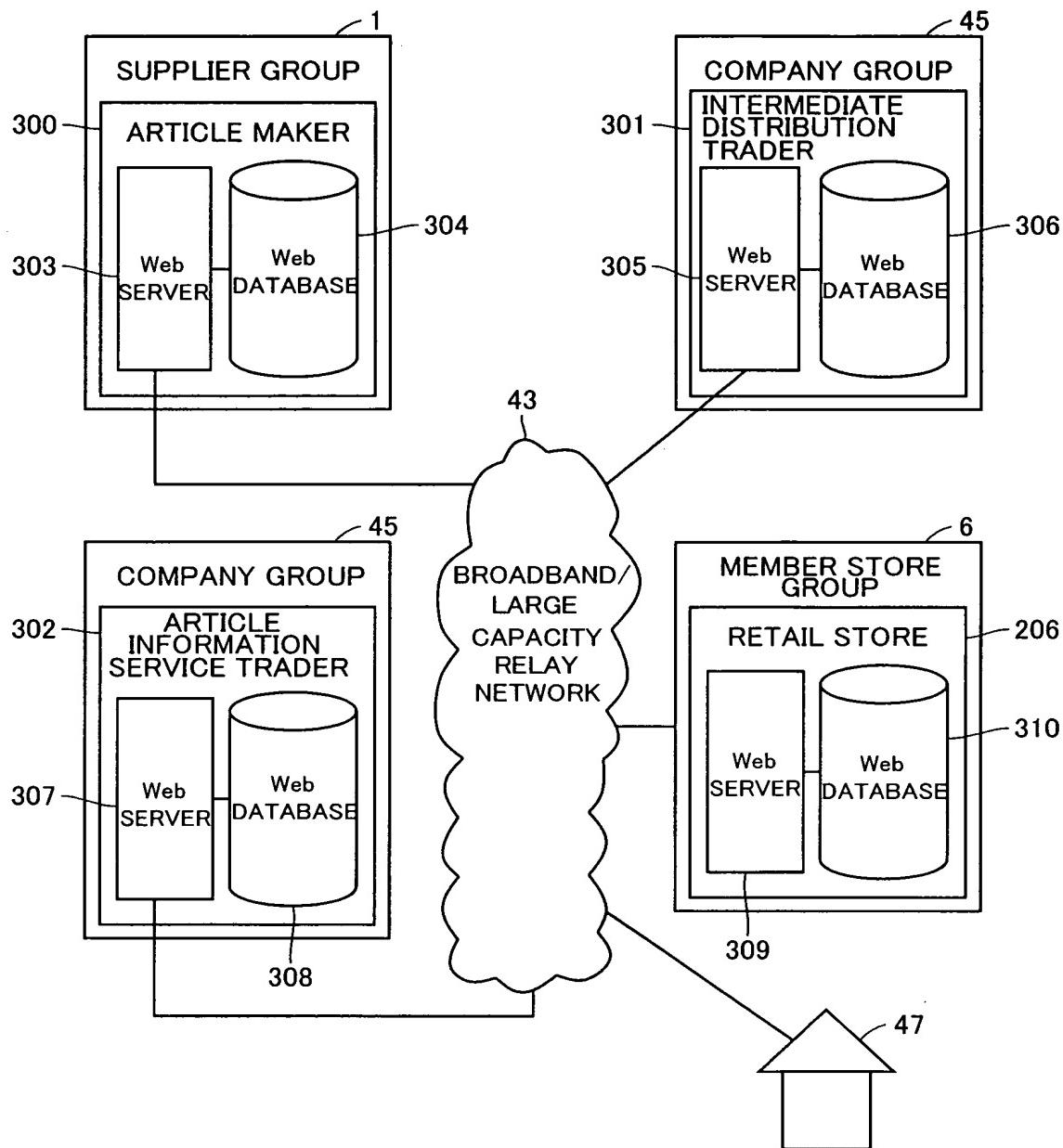


FIG.42

RFID	PRODUCER	INTERMEDIATE DISTRIBUTION TRADER	RETAIL STORE	PURCHASER PAGE
892013960	http://www.sato	http://www.kanei	http://www.daimaru	B13P ••• •••
892013961				NPXA ••• •••
892013962	ς			19X3 ••• •••
892014560				
892014561		http://www.isida	http://www.hansin	
892014801	ς			
892014802		http://www.kato	http://www.mitui	
892014990	ς			

FIG.43

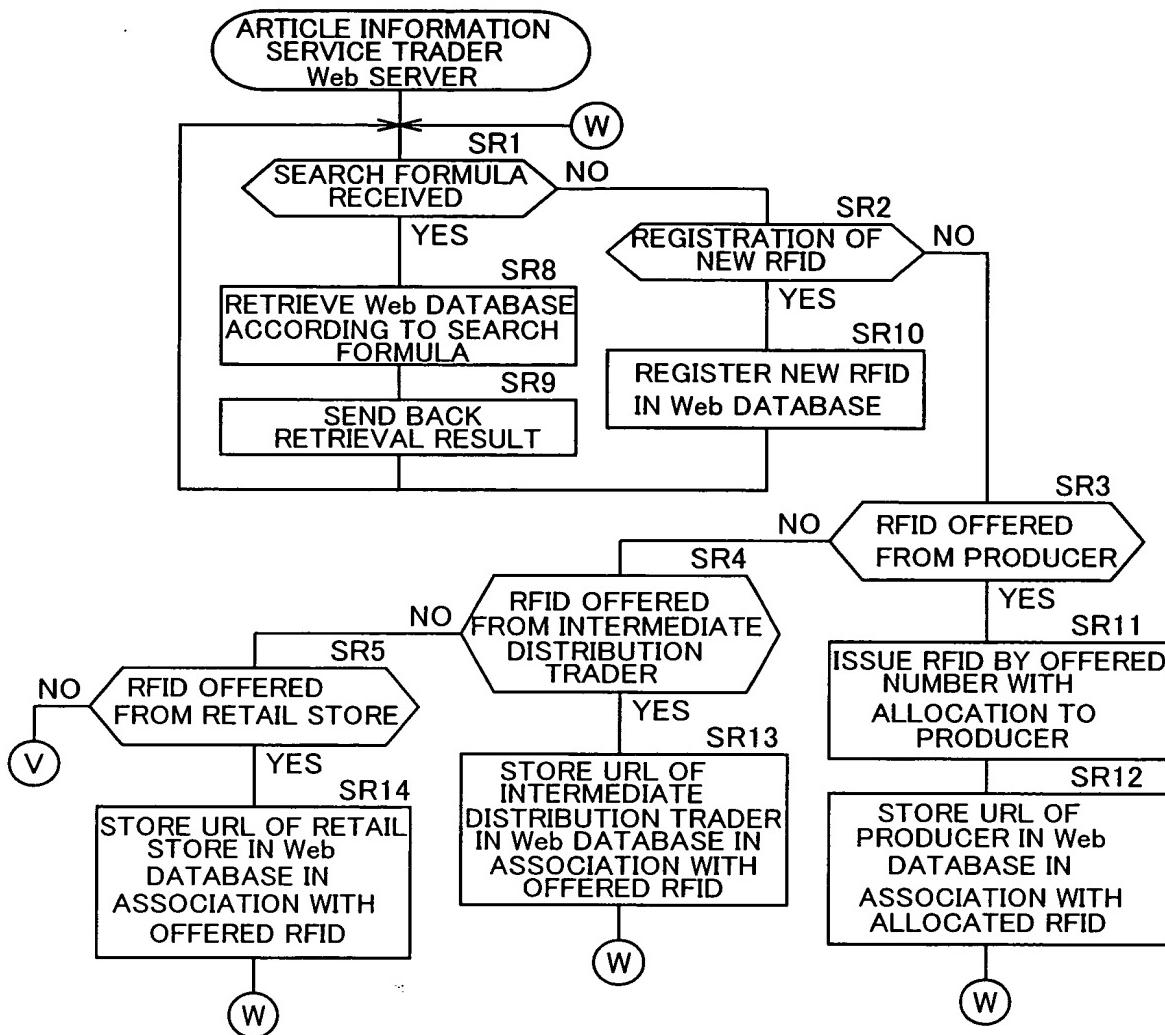


FIG.44

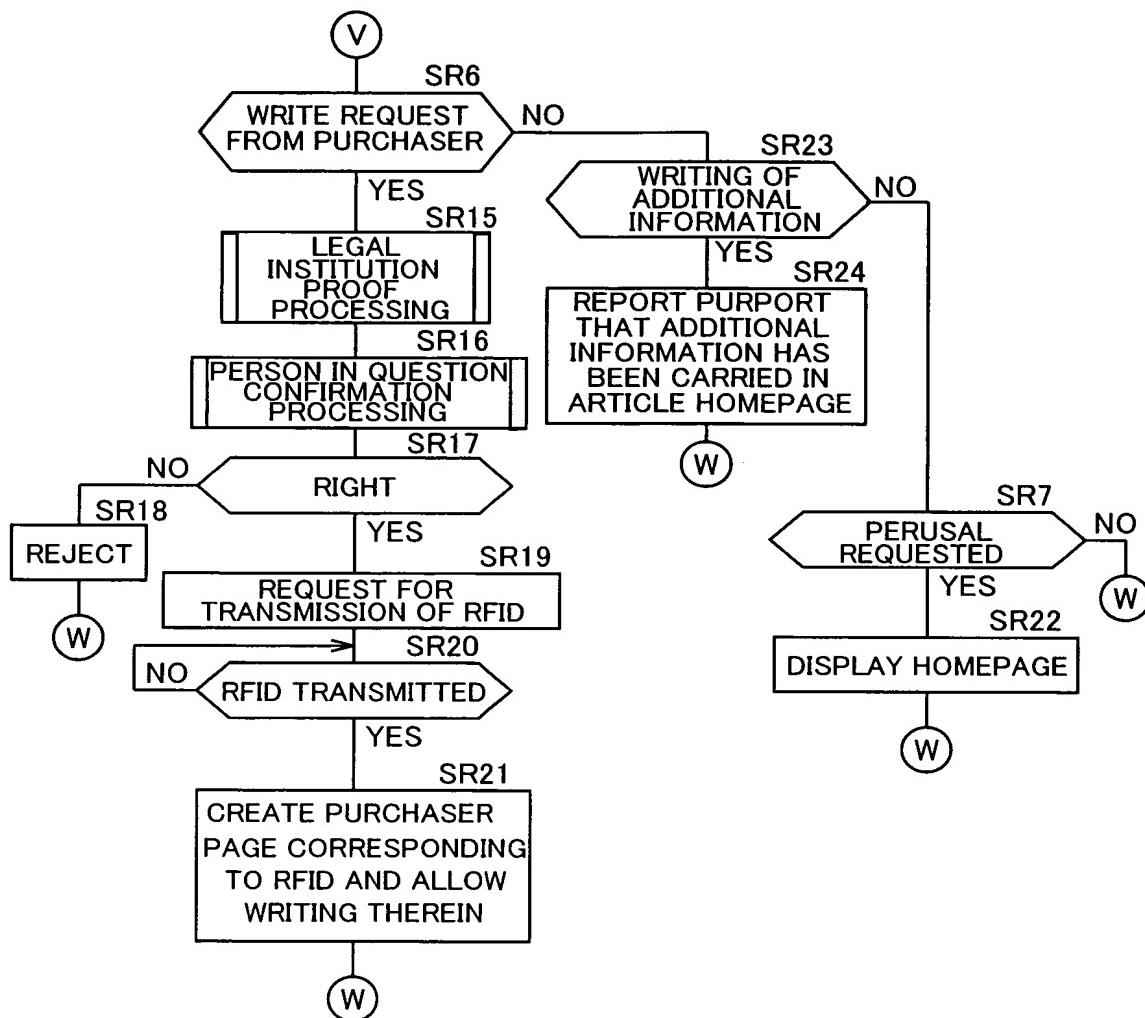


FIG.45

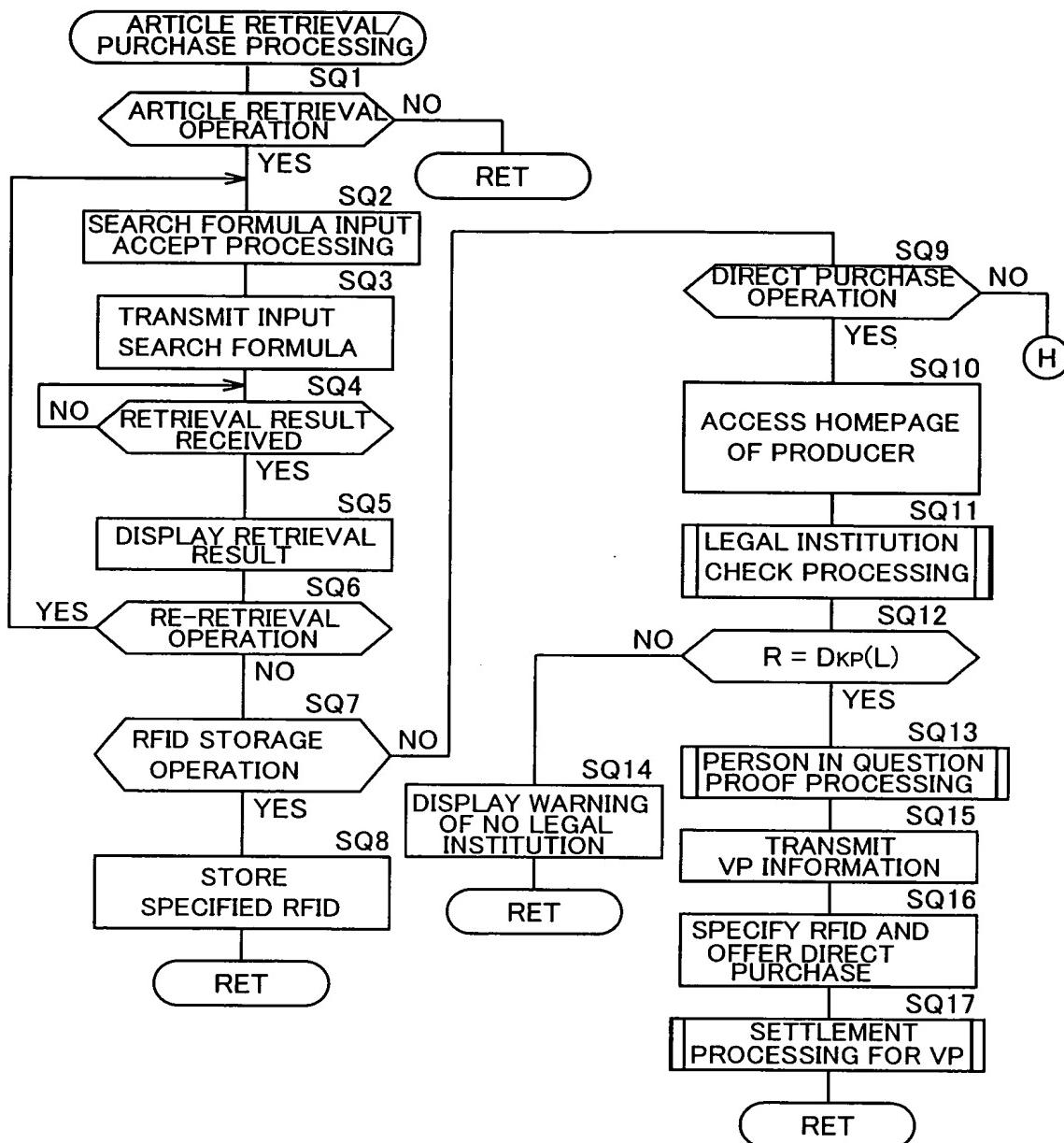


FIG.46

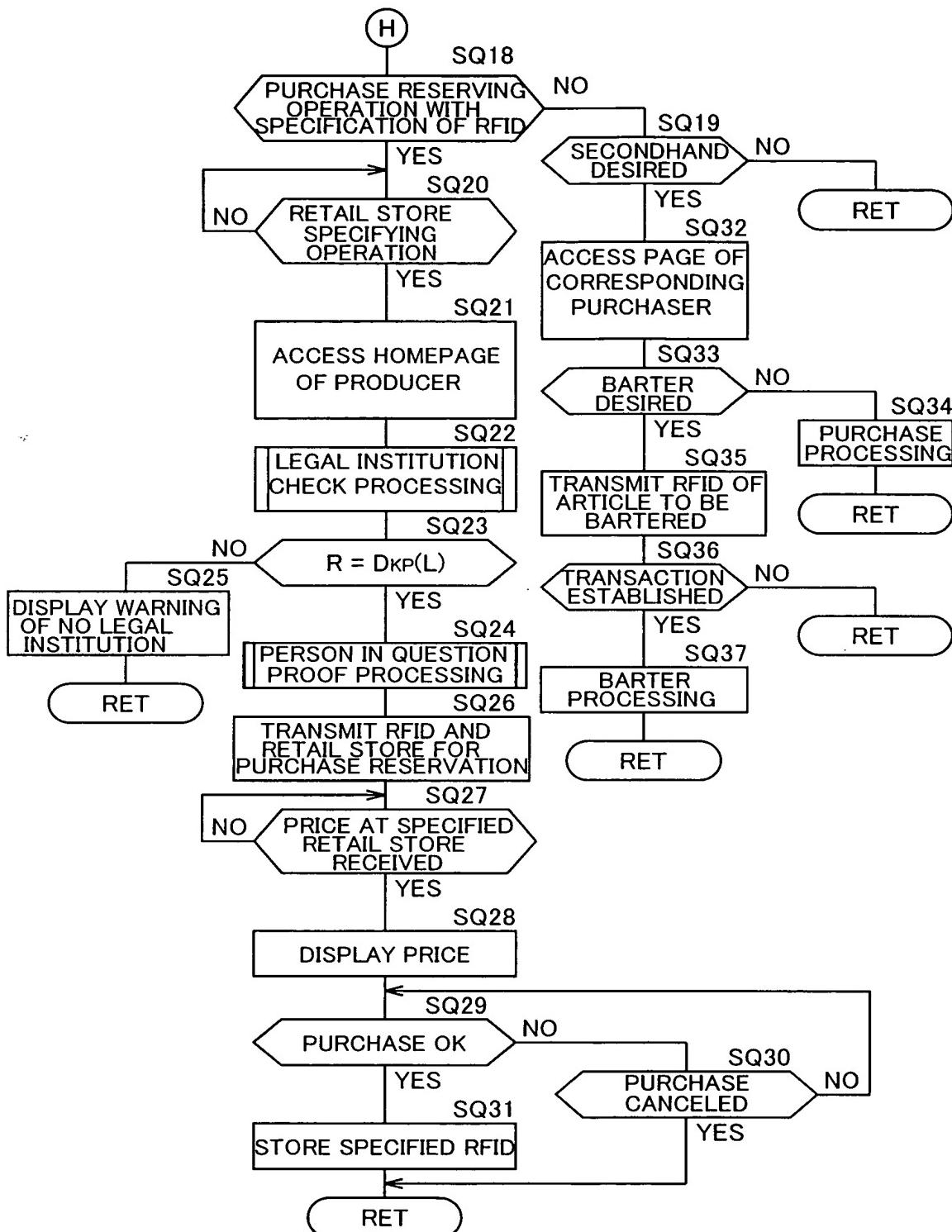


FIG.47

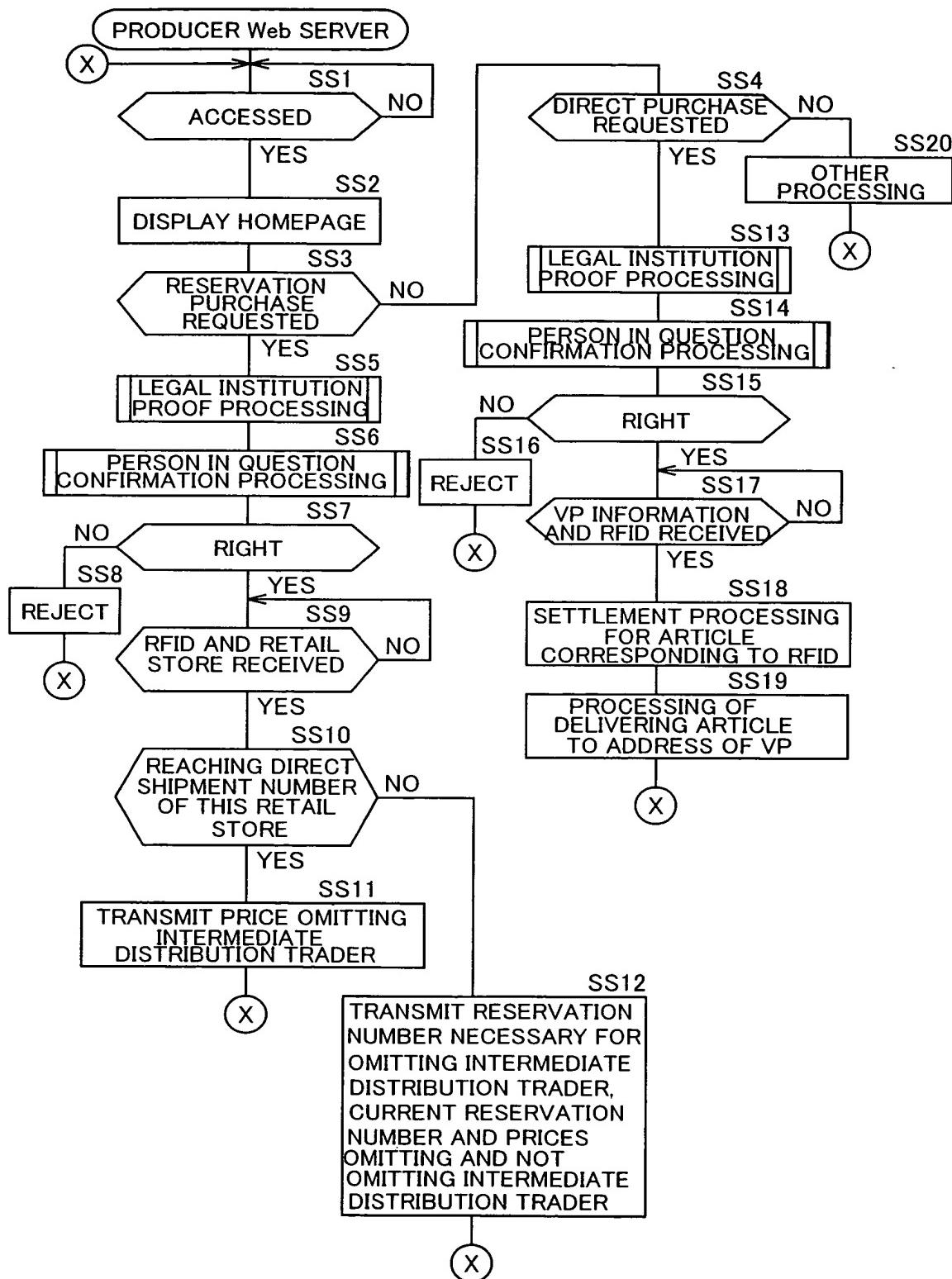


FIG.48

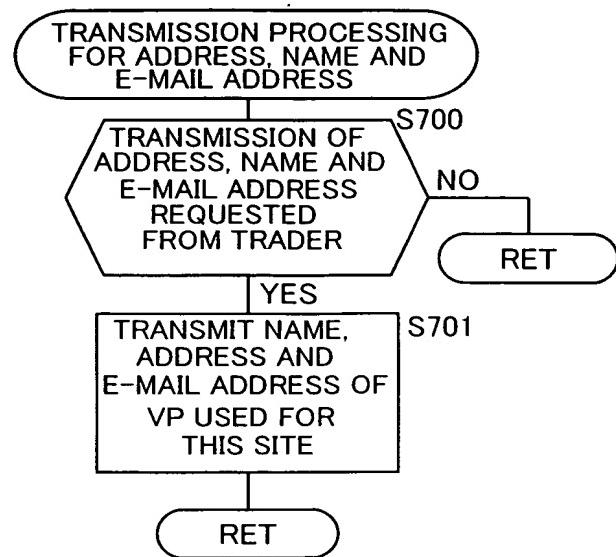


FIG.49

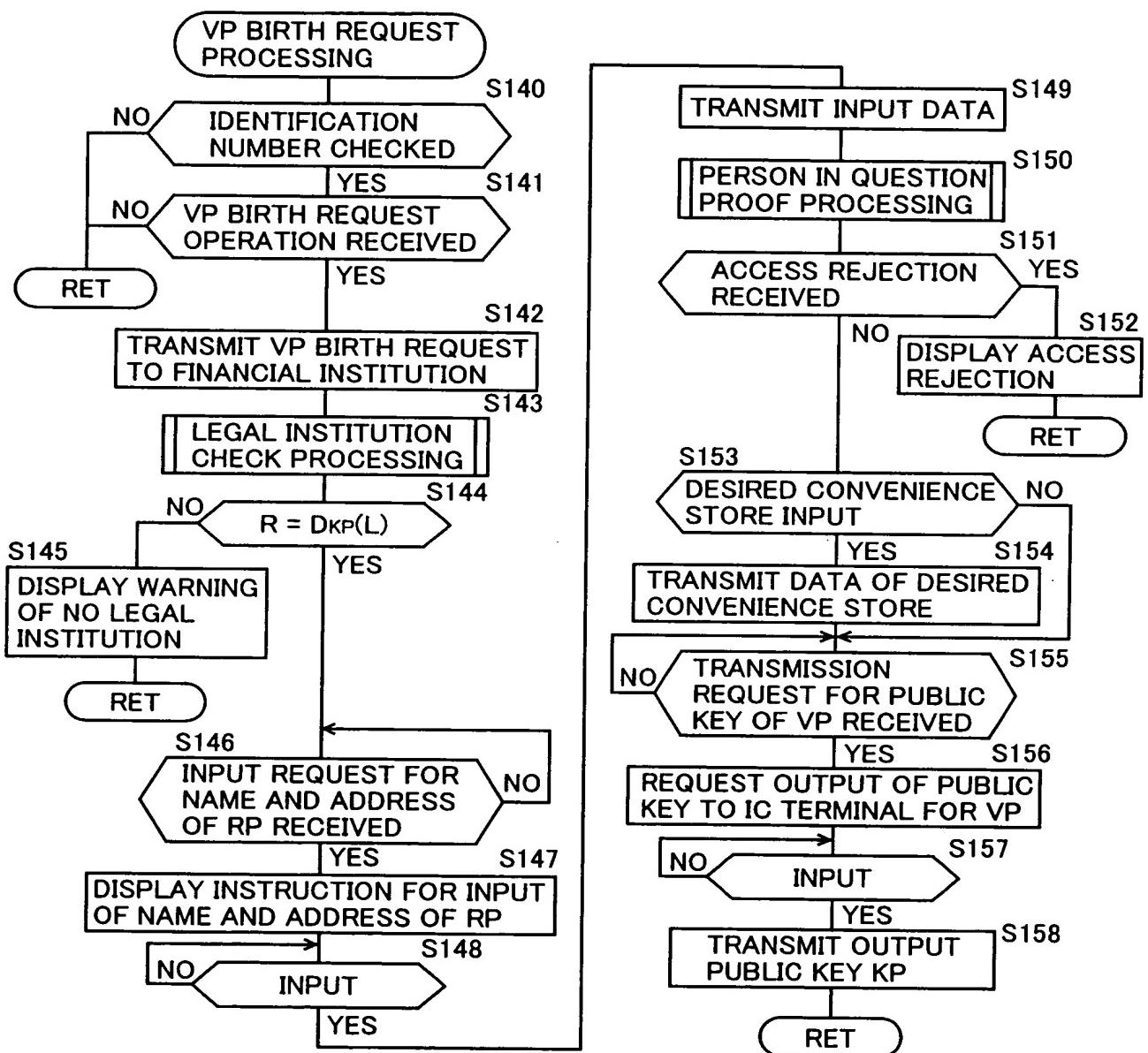


FIG.50

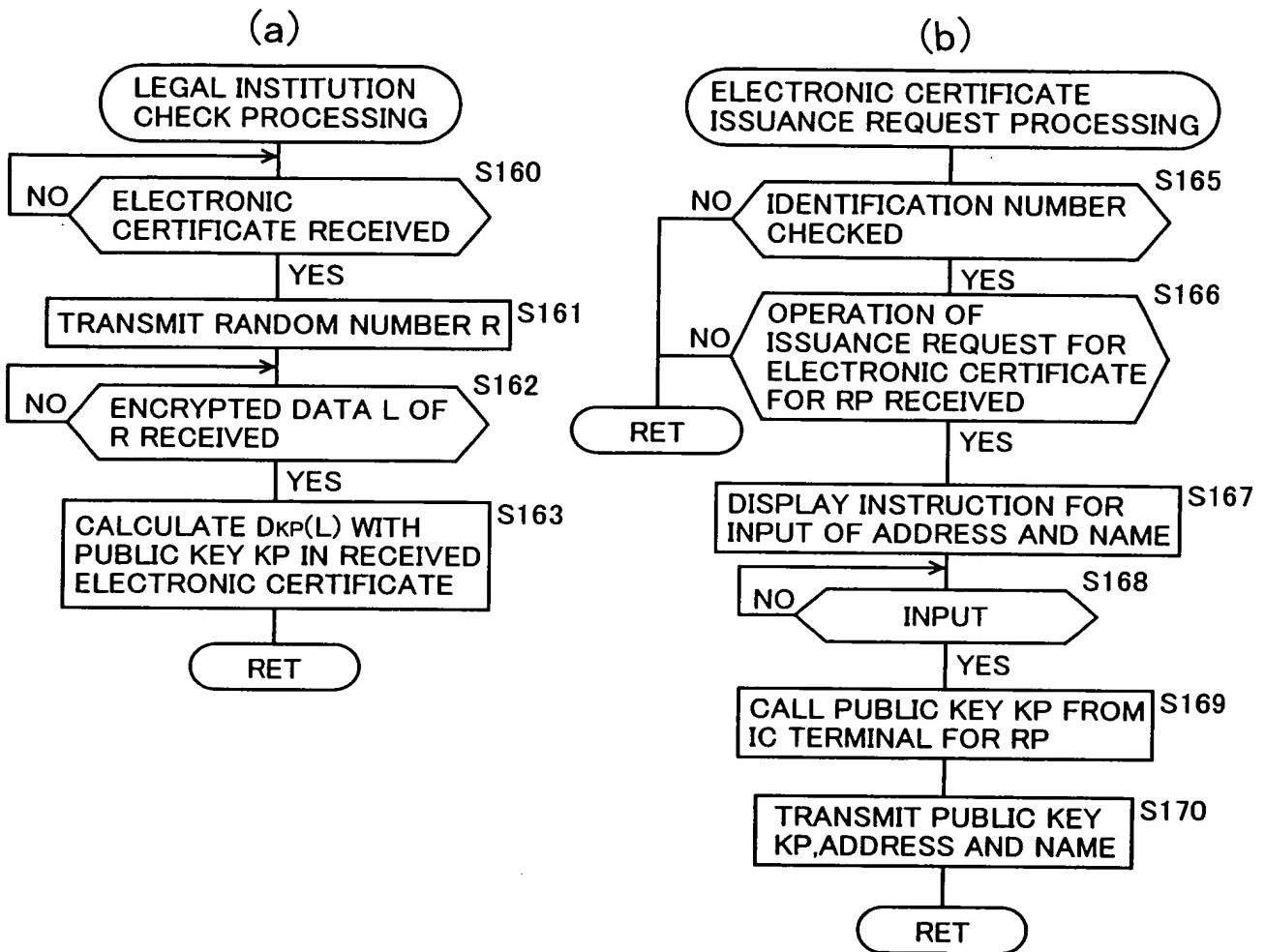
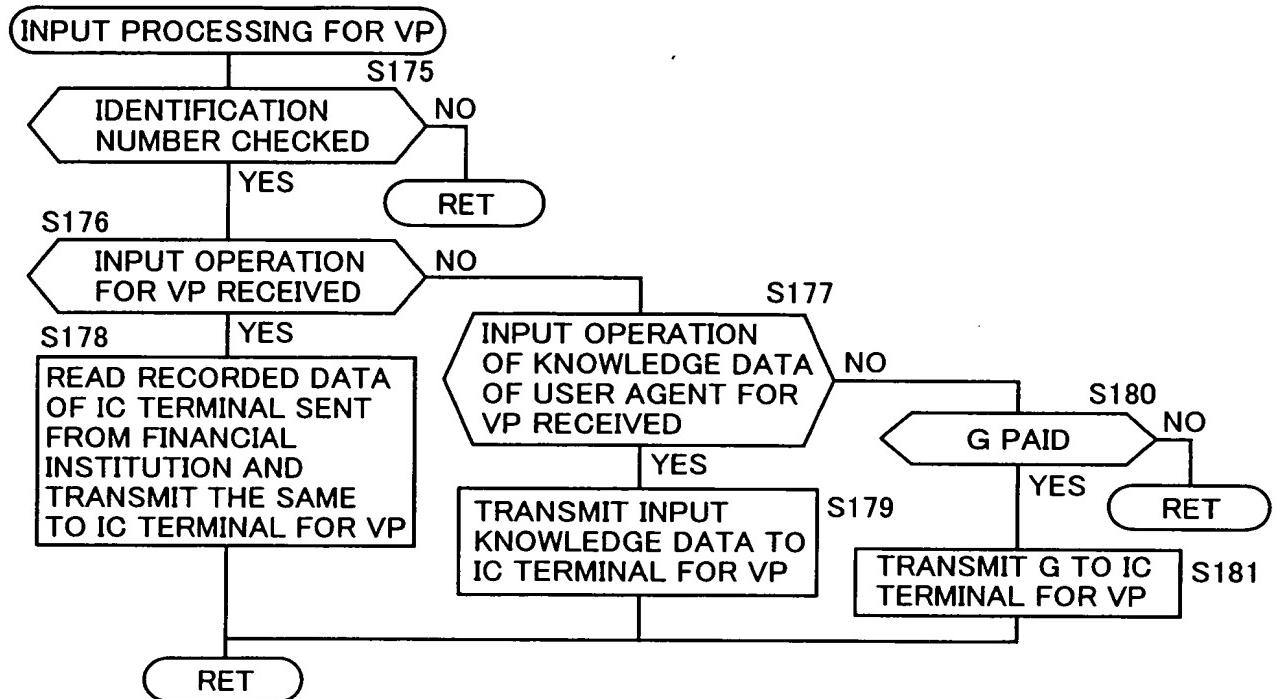


FIG.51

(a)



(b)

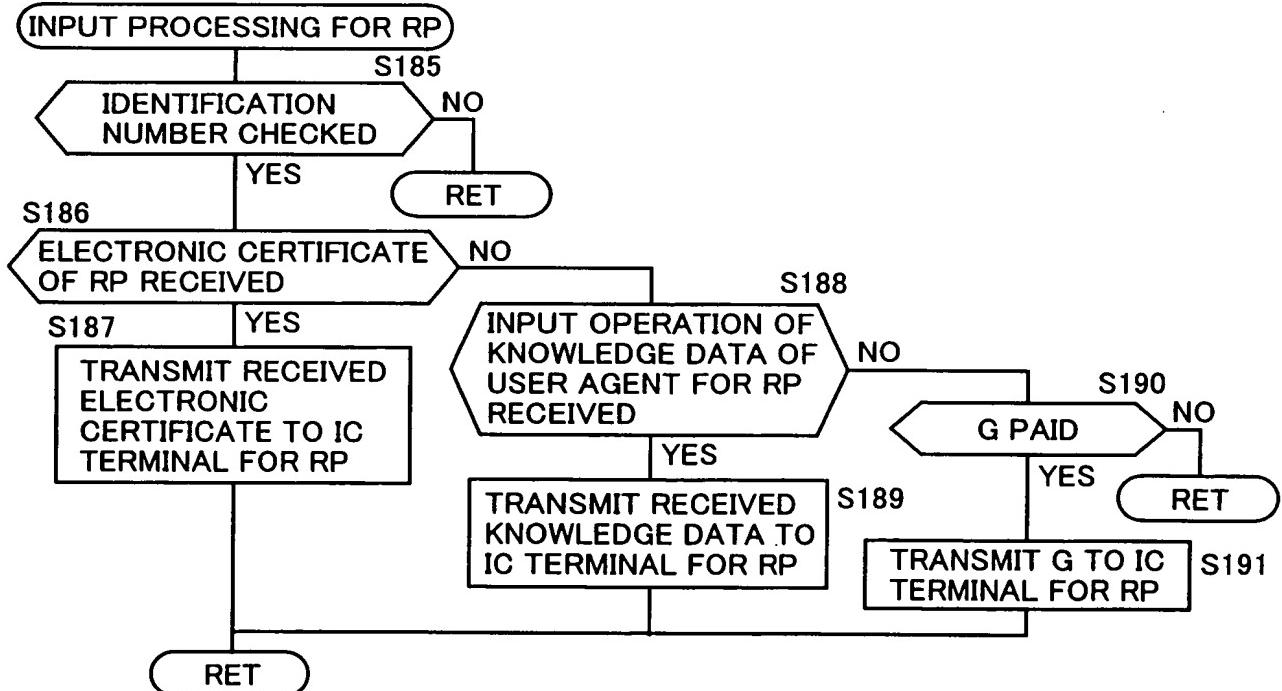


FIG.52

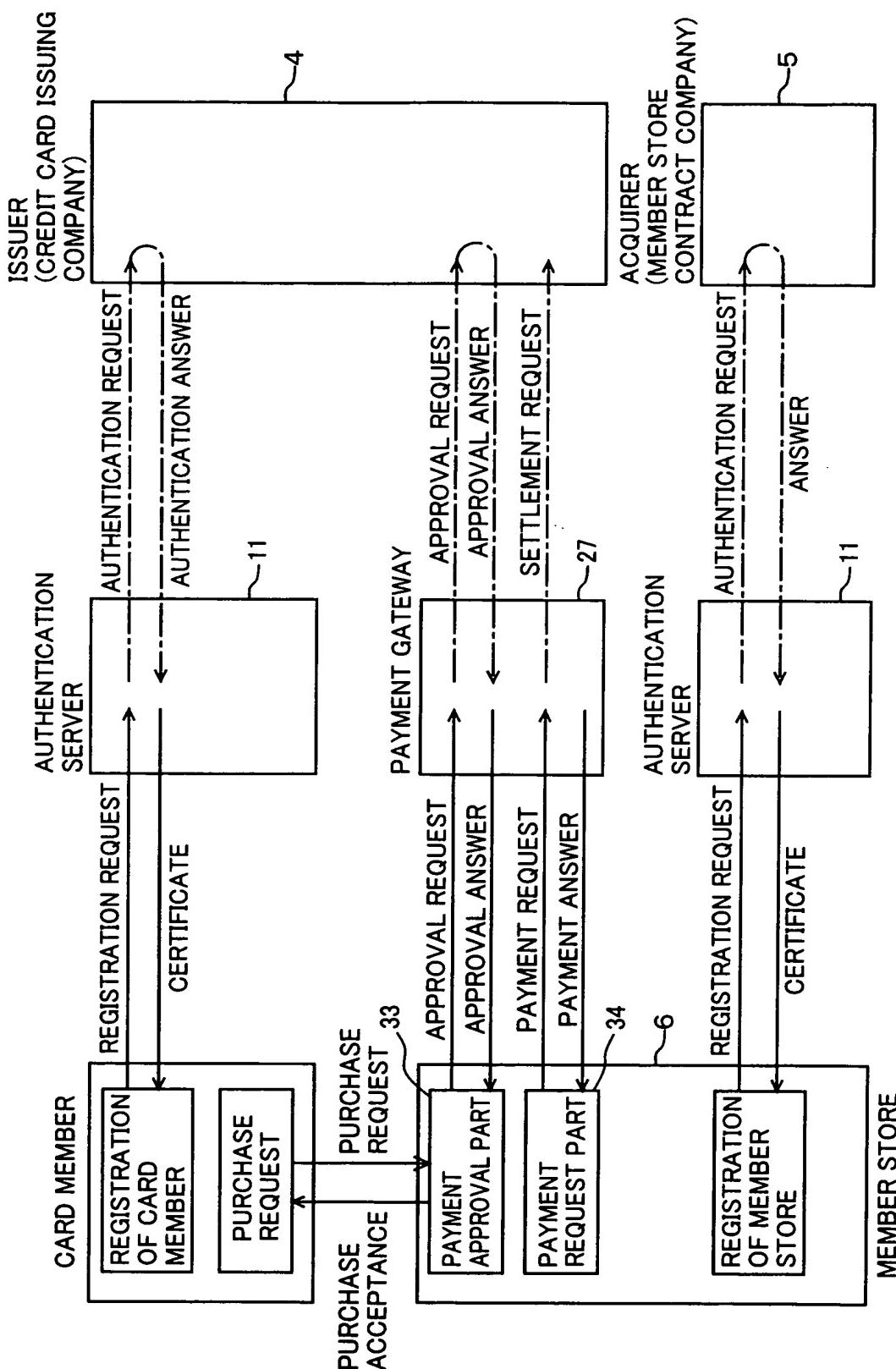


FIG.53

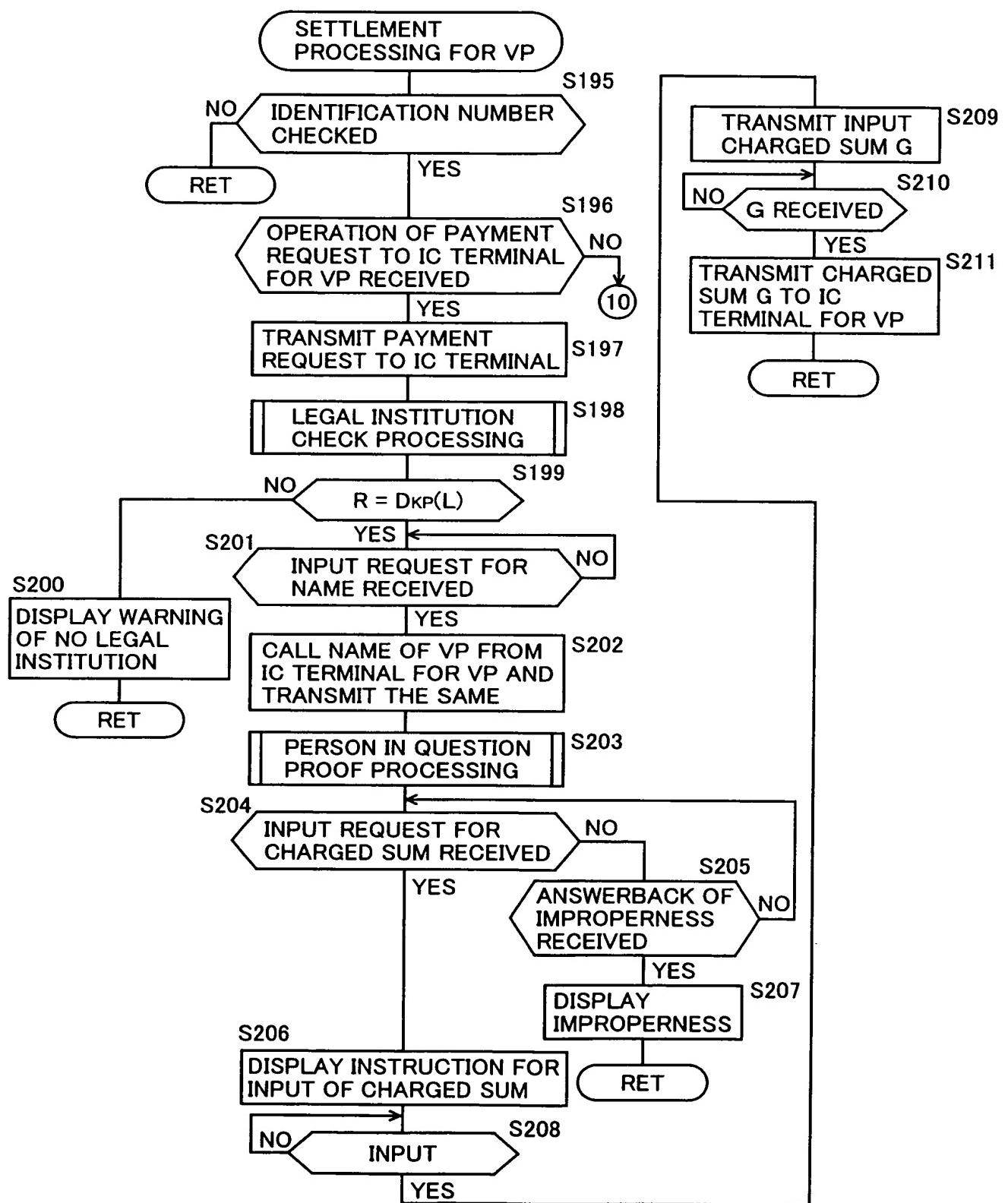


FIG.54

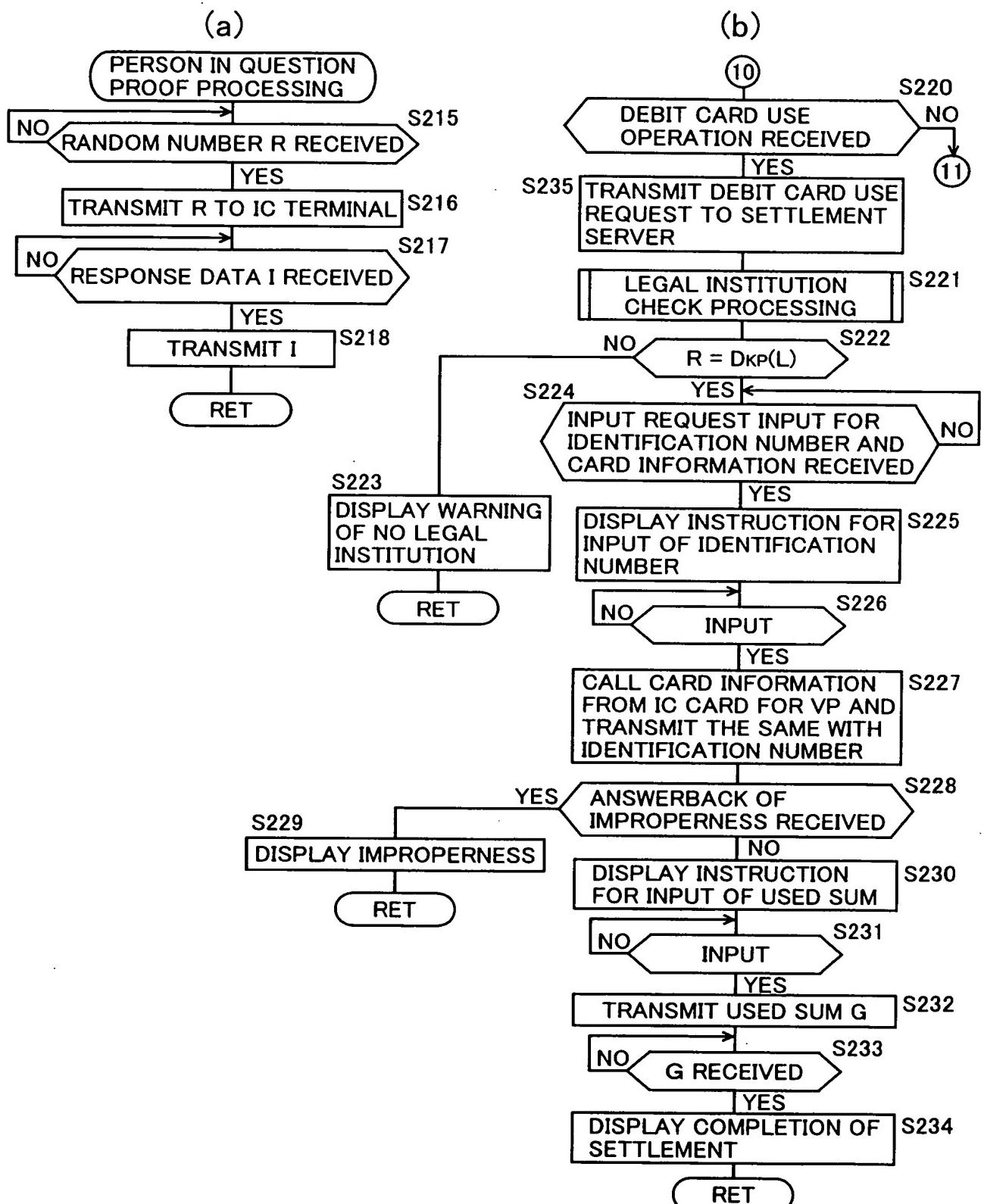


FIG.55

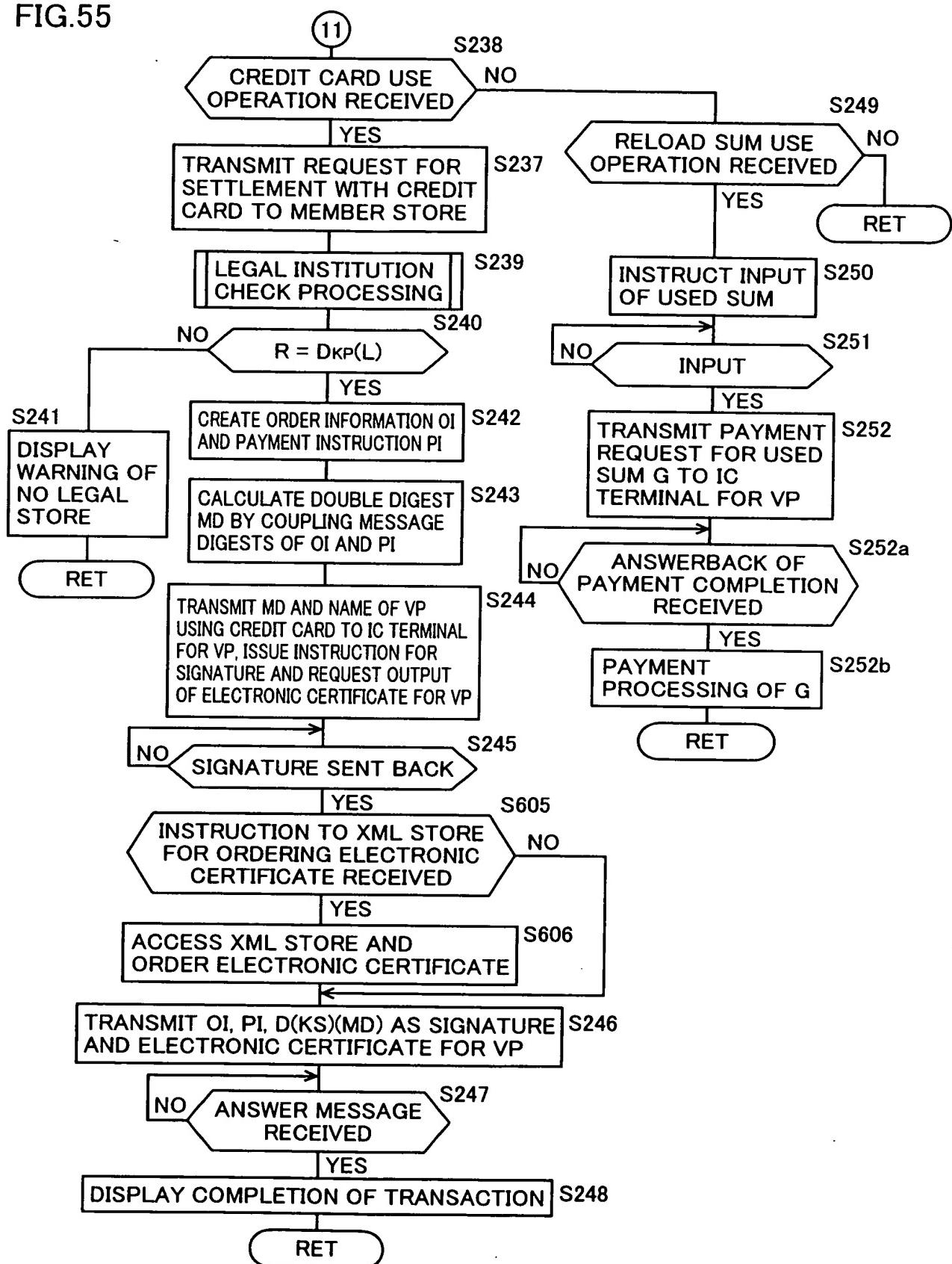


FIG.56

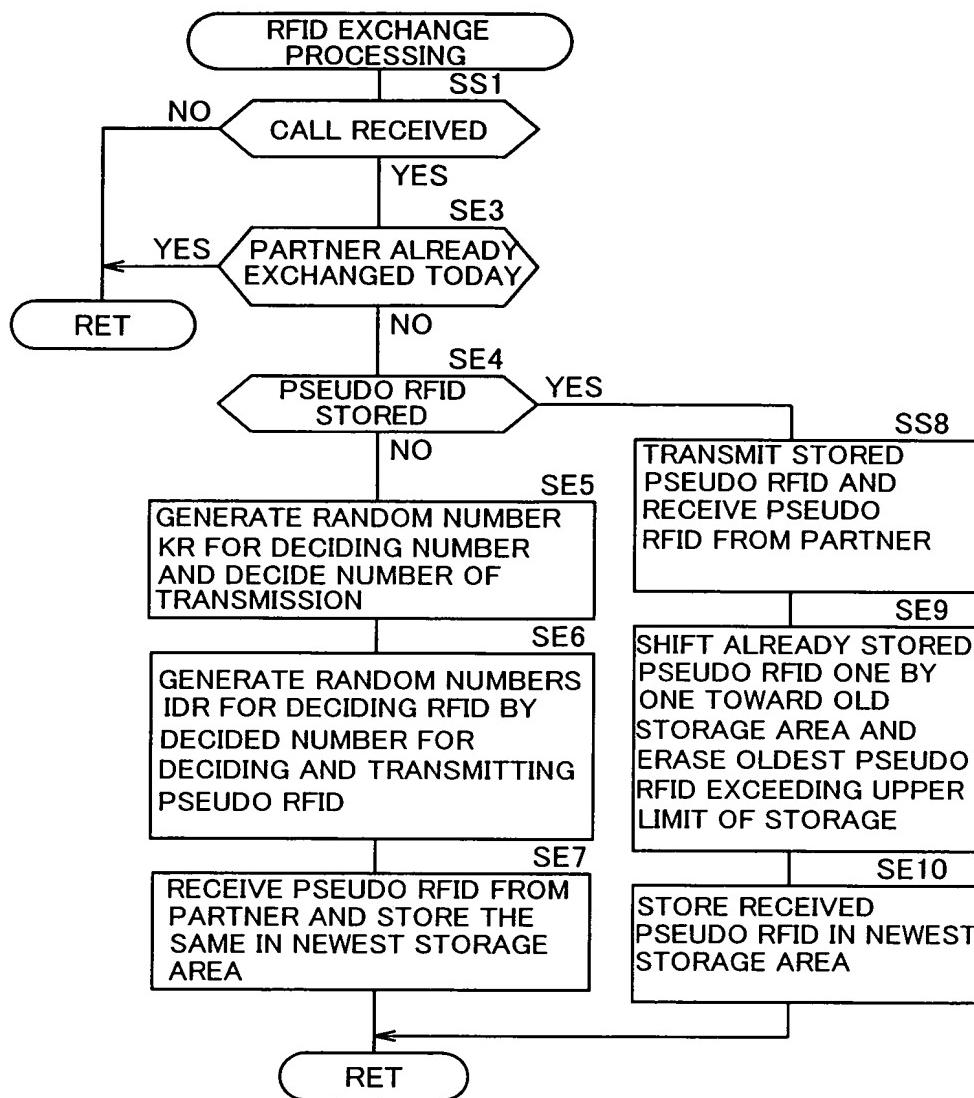


FIG.57

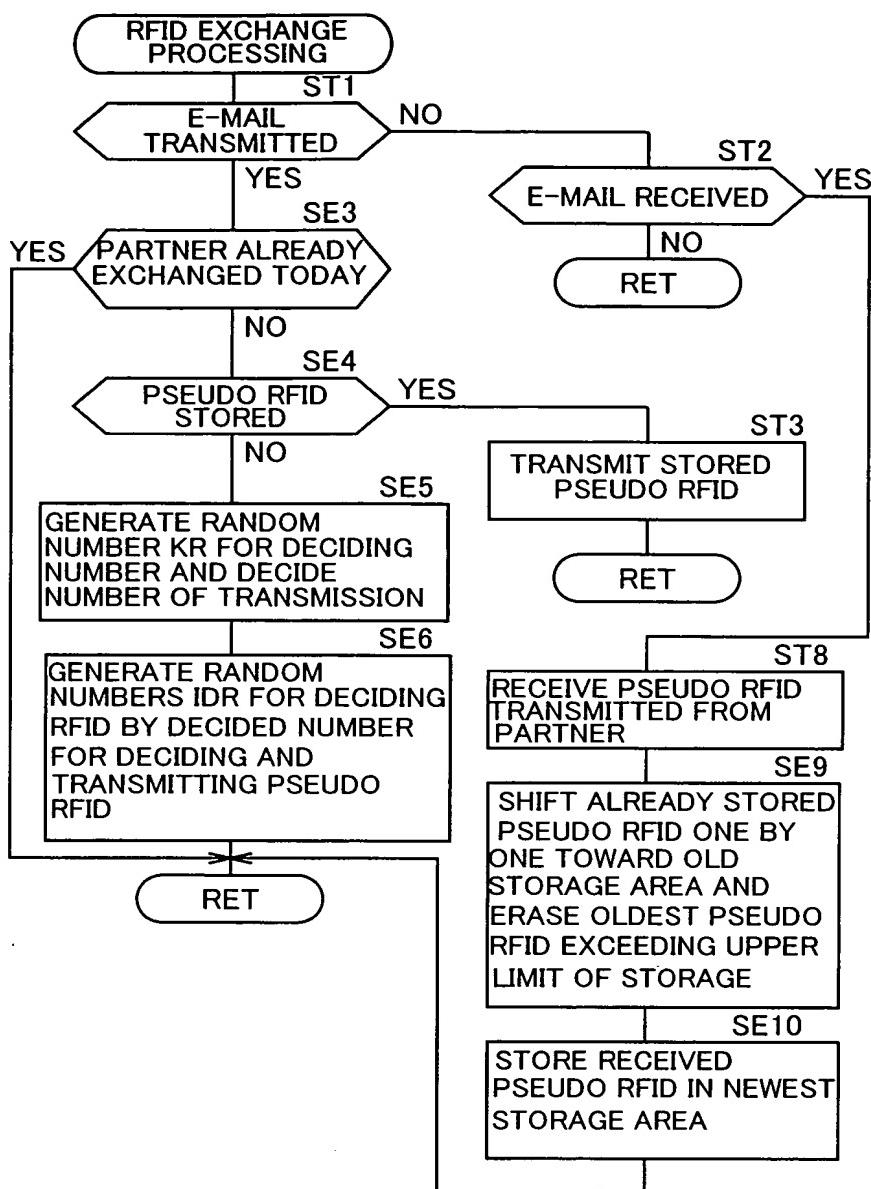


FIG.58

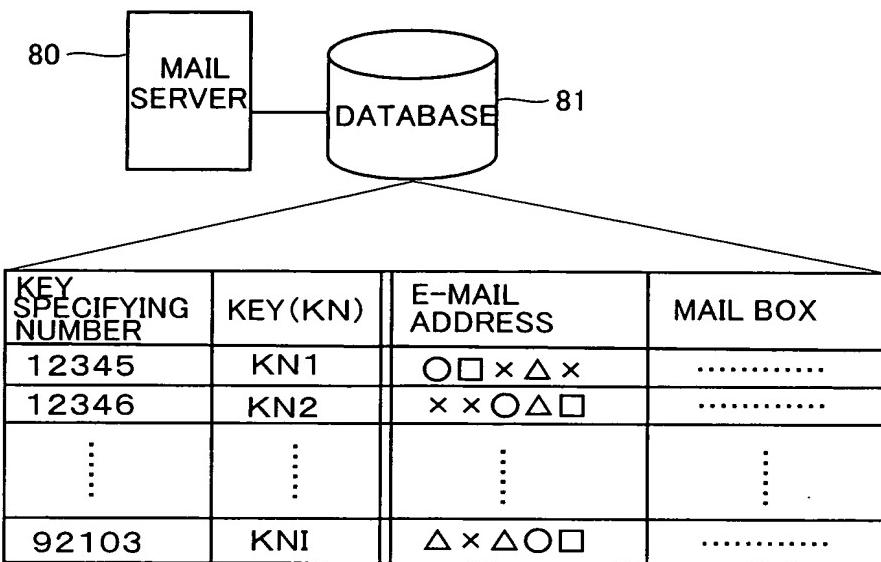


FIG.59

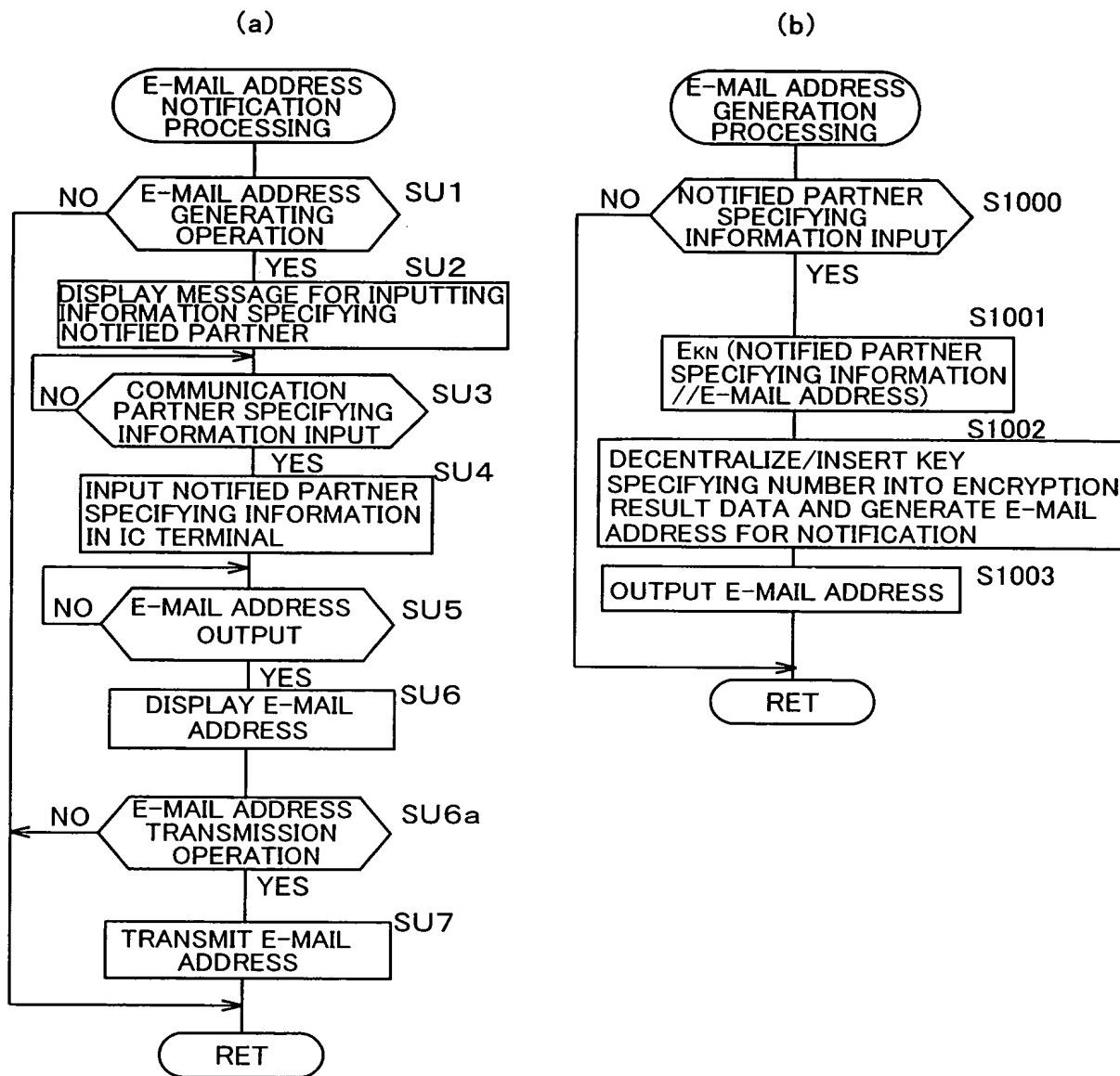


FIG.60

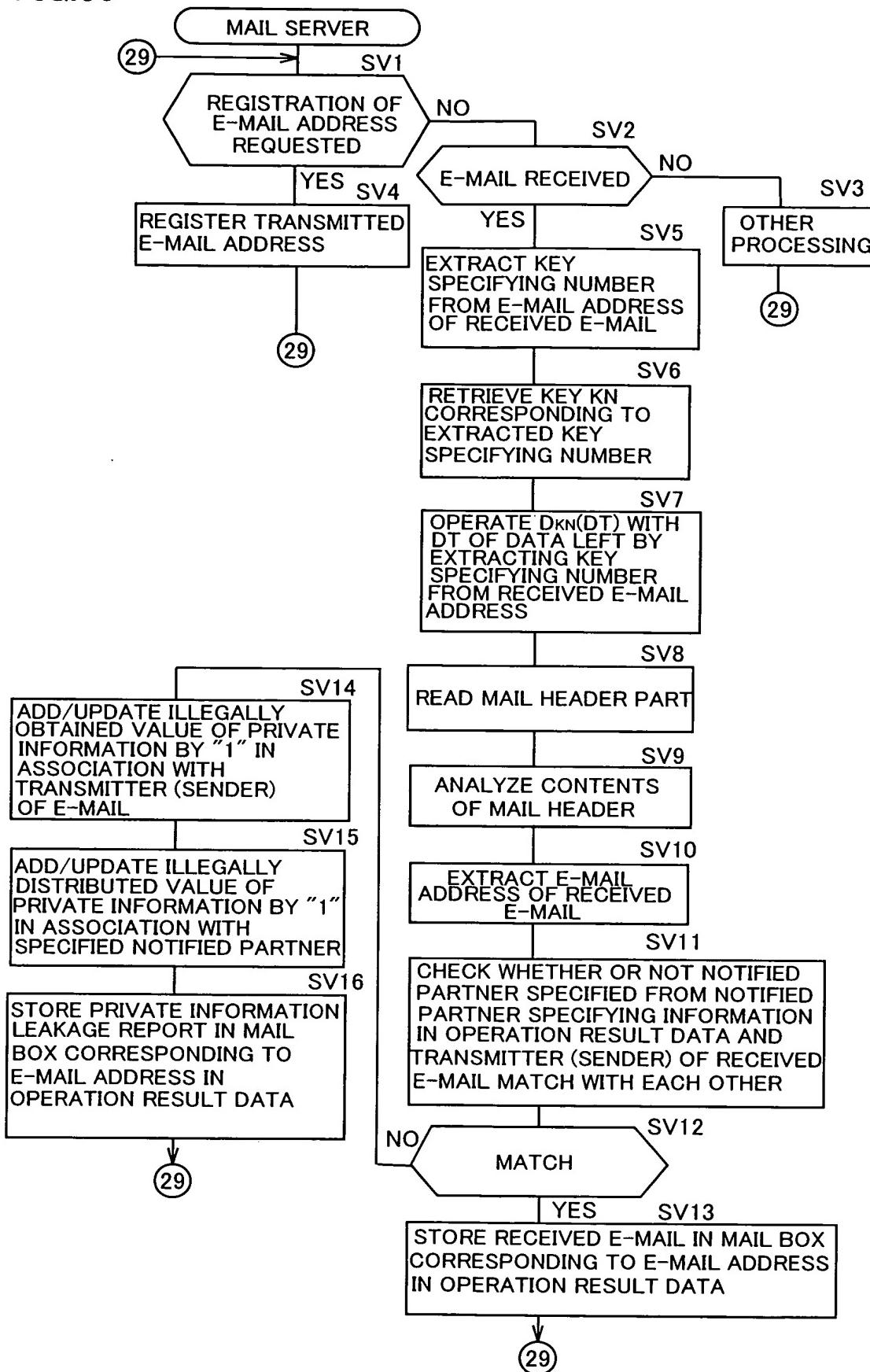


FIG.61

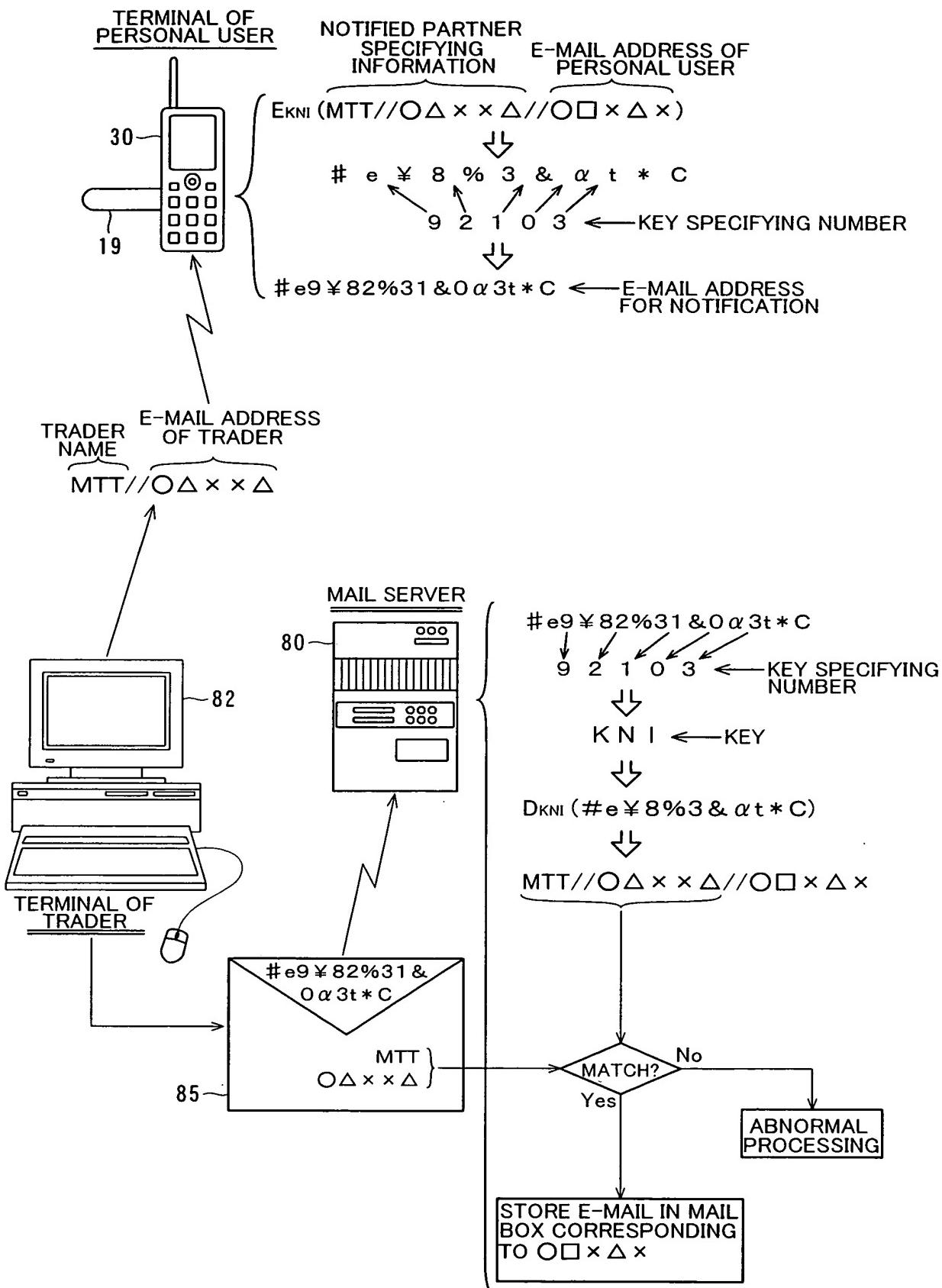


FIG.62

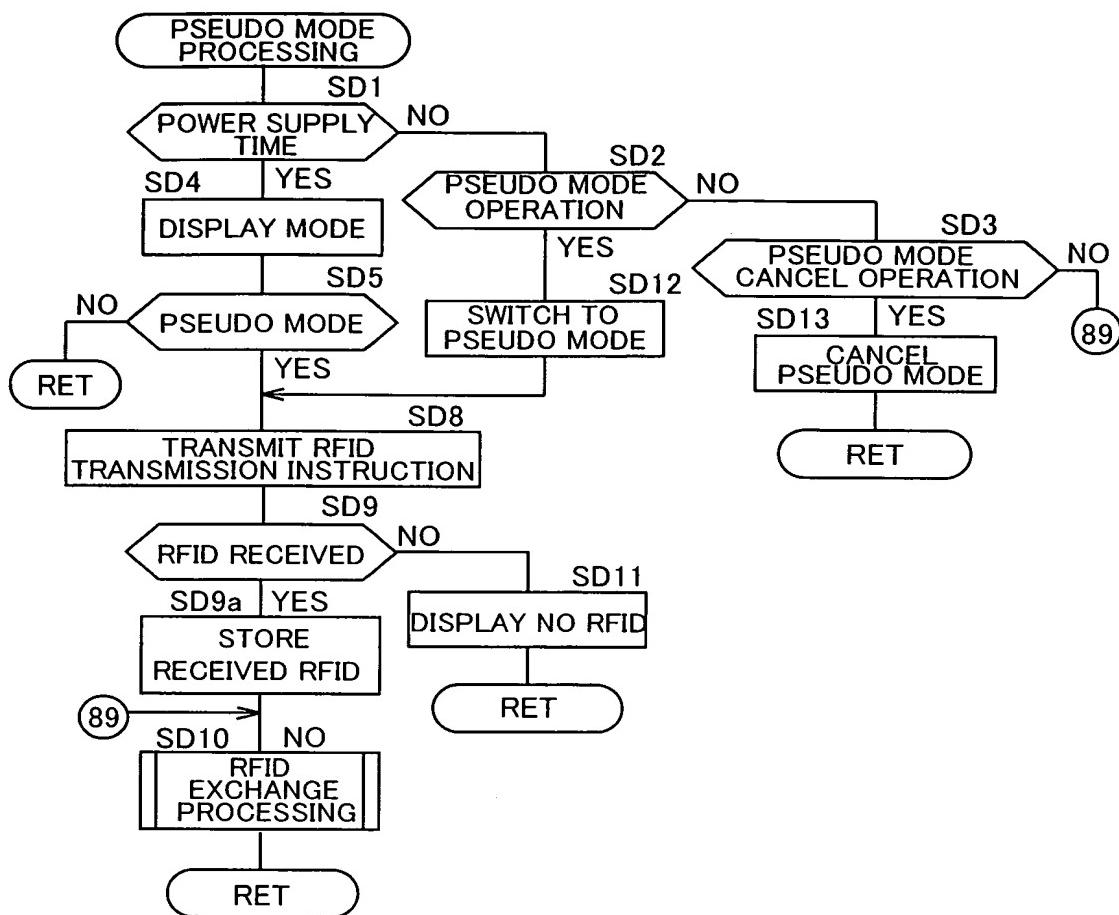


FIG.63

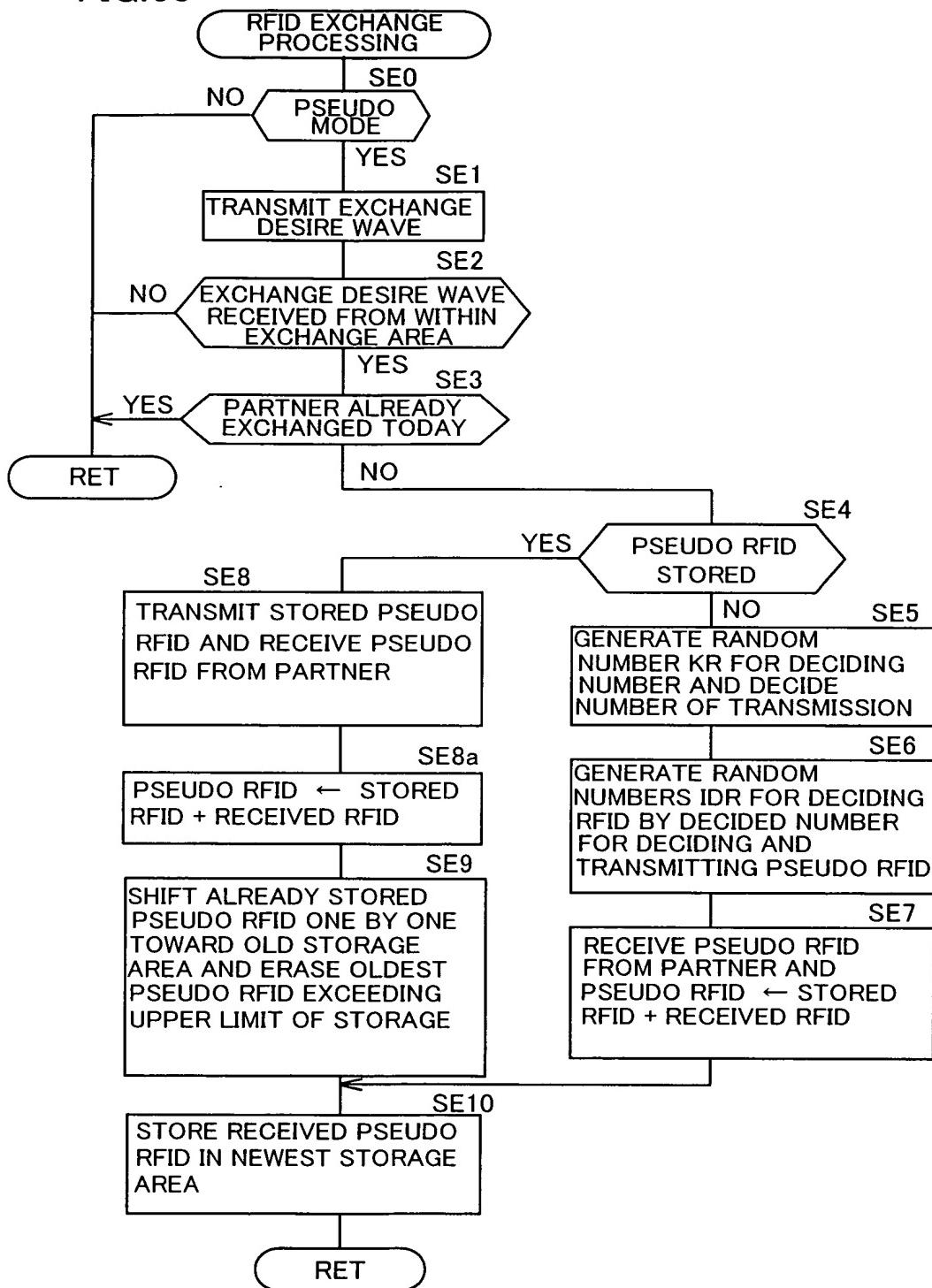


FIG.64

